

File 16:Gale Group PROMT(R) 1990-2005/Jun 29  
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 File 148:Gale Group Trade & Industry DB 1976-2005/Jun 29  
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     (c) 2005 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 625:American Banker Publications 1981-2005/Jun 29  
     (c) 2005 American Banker  
 File 268:Banking Info Source 1981-2005/Jun W3  
     (c) 2005 ProQuest Info&Learning  
 File 626:Bond Buyer Full Text 1981-2005/Jun 29  
     (c) 2005 Bond Buyer  
 File 267:Finance & Banking Newsletters 2005/Jun 28  
     (c) 2005 The Dialog Corp.

Set	Items	Description
S1	14448	(COMPUTER? OR AUTOMATE?) (5N) (DISPLAY OR DISPLAYS OR GRAPH- IC OR GRAPHICS OR TABLE OR TABLES OR CHART OR CHARTS)
S2	7	S1(5N) (MARKET() (RESEARCH OR INFORMATION OR DATA))
S3	7	S1(5N) (MARKET() (CHANNEL? ? OR SHARE? ?))
S4	0	S1(5N) (MARKET() (PURCHASE? OR PURCHASING OR POINT(1W)SALE? ? OR WHOLESAL?))
S5	331765	(MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS) (5N) (CHANNEL OR CHANNELS)
S6	1013845	(NUMBER OR VALUE OR UNIT OR UNITS OR QUANTITY OR QUANTITIE- S) (5N) (SOLD OR SALES OR SELLING)
S7	4705	S6(5N) PERCENTAGE?
S8	98591	S6(5N) (PRICE OR PRICES OR PRICING)
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		N, G? OR GIVAN G?)
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S14	0	S13(S) (S5 OR S7 OR S8 OR S9)
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S17	31	S1(S) (MARKET() (RESEARCH OR INFORMATION OR DATA))
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S20	26	S19 NOT PY>2005
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S23	49	S22 NOT PY>2005
S24	25	RD (unique items)
S25	0	S12(S) (S1 OR S5)

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16/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

02258411 Supplier Number: 42949412  
**Legent Corporation - Company Report**  
Investext, pl-4  
April 30, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...53% of its revenue from MVS products, including some key products in the fast-growing **automated** -operations area.  
**Tables** in report: Stock Price, Earnings & **Market Data** 1991-93;  
Estimated Pro-Forma Quarterly Earnings Model 1991-93  
The INVESTEXT database offers the...

16/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08179055 SUPPLIER NUMBER: 17537501 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Sweet dreams stocks. (Investing)**  
Vandewater, Bob  
Manitoba Business, v17, n7, p13(2)  
Sep, 1995  
ISSN: 0709-2423 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 764 LINE COUNT: 00065

... banks, mutual fund companies, trust companies and other financial organizations are, by and large, all **computerized**. Company reports, **market information**, **charts** etc. are now available at the push of a button, but common sense still prevails...

16/3,K/3 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

07431345 SUPPLIER NUMBER: 16127694  
**Companies battle for software niche.**  
Clark, Tim  
Business Marketing, v79, n7, p3(2)  
July, 1994  
ISSN: 0745-5933 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Two computer software companies are using different marketing strategies to gain **market share** for the **automated business graphics**. Shapeware Corp. will launch a \$4.5 million marketing campaign in 2nd half of 1994...

16/3,K/4 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

03910086 SUPPLIER NUMBER: 07539149 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Point-of-purchase: from clutter to technoclutter.**

Keenan, William, Jr.  
Sales & Marketing Management, v141, n5, p96(1)  
April, 1989  
ISSN: 0163-7517      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 879      LINE COUNT: 00068

... any item in the store by using the monitor; stores can also collect demographic and **market research** information from customers.

\* Video **display** networks. >; POPNET, a **computerized** in-store advertising **display** network, uses stadium scoreboard technology on a smaller scale to carry advertising that can be...

16/3,K/5      (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

03188584      SUPPLIER NUMBER: 05161641  
**Improving banking machines.**  
Berg, Eric N.  
New York Times, v136 , Wed ed, col 4, p30(N) pD8(L)  
Sept 9, 1987  
CODEN: NYTIA      ISSN: 0362-4331      LANGUAGE: ENGLISH      RECORD TYPE:  
CITATION

CAPTIONS: Who makes **automated** tellers - 1986 **market share** . ( chart )

16/3,K/6      (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

02817266      SUPPLIER NUMBER: 04190272  
**Growth & consolidation: the 1985 automated library system marketplace.**  
Matthews, Joseph R.  
Library Journal, v111, p25(11)  
April 1, 1986  
ISSN: 0363-0277      LANGUAGE: ENGLISH      RECORD TYPE: CITATION

...CAPTIONS: systems. (table); Total cumulative number of installed automated library systems, by year. (graph); Turnkey vendor **market share** . (graph); **Automated** library systems. ( table ); Size of **automated** library systems installed in 1985. ( table ); Size of all **automated** library systems. ( table ); **Automated** library systems software only system providers. (table); Library microcomputer marketplace. (table)

16/3,K/7      (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

01923060      SUPPLIER NUMBER: 03246349  
**Competition & change: the 1983 automated library system marketplace.**  
Matthews, Joseph R.  
Library Journal, v109, p853(8)  
May 1, 1984  
CODEN: LIBJA      ISSN: 0363-0277      LANGUAGE: ENGLISH      RECORD TYPE:  
CITATION

...CAPTIONS: computer. (table); Total cumulative number of installed

automated circulation systems, by year. (graph); Turnkey vendor **market share** . ( **chart** ); Size of all installed **automated** library systems, by number of terminals linked to computer. (table); Automated library systems developed by...

**16/3,K/8 (Item 7 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

01653113 SUPPLIER NUMBER: 02676089  
**The automated library system marketplace, 1982: change and more change!**  
Matthews, Joseph R.  
Library Journal, v108, p547(7)  
March 15, 1983  
CODEN: LIBJA ISSN: 0363-0277 LANGUAGE: ENGLISH RECORD TYPE:  
ABSTRACT

...CAPTIONS: table); Size of installed turnkey automated library systems, by number of terminals linked to computer. ( **table** ); **Automated** library systems developed by libraries. ( **table** ); Library microcomputer marketplace. (table); **Market share** of new (all) systems installed in (at end of) 1982. (chart); Total cumulative number of...

**16/3,K/9 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01320510 SUPPLIER NUMBER: 08074610 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Automated scheduling systems: a comparison.**  
Kranich, Doug  
T H E Journal (Technological Horizons In Education), v17, n2, p8(4)  
Sept, 1989  
ISSN: 0192-592X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2052 LINE COUNT: 00167

CAPTIONS: **Market share** of booking systems. ( **table** ); Contact info for vendors of **automated** scheduling systems. ( **table** )

**16/3,K/10 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00457557 89-29344  
**Looking Eastward**  
Strazewski, Len  
InterMarket v6n6 PP: 51-52 Jun 1989  
ISSN: 8755-3724 JRNL CODE: ITM

...ABSTRACT: initiated an automated trading system. This exchange offers an online information system that includes: 1. **computerized** order routing, 2. stock price **display** , 3. **market information** , and 4. securities information. Stratus, a leading vendor, was chosen for the Republic of Korea...

**16/3,K/11 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

00340810 86-41224

**On Your Marks Get Set ....**

Brandenberg, Mary

Accountancy v98n1118 PP: 95-99 Oct 1986

ISSN: 0001-4664 JRNL CODE: ACE

...ABSTRACT: conjunction with deregulation, the Stock Exchange will unveil a new electronic marketplace, the Stock Exchange **Automated** Quotation, to **display market information** and record all trading. Also, the settlement system will be revised to take better advantage...

**16/3,K/12 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

00018775 74-07463

**RINGING UP MORE SALES IN TODAY'S CLASSROOM**

POWELL, DUKE R.

MARKETING TIMES V21 N 5 PP: 27-29 SEPT/OCT 1974

JRNL CODE: MTM

...ABSTRACT: ANALYZING BY GEOGRAPHY, SITE, AND PER-PUPIL EXPENDITURE FOR A PARTICULAR PRODUCT. ANOTHER AID IS **COMPUTERIZED MARKET DATA . CHART**

**16/3,K/13 (Item 1 from file: 95)**

DIALOG(R)File 95:TEME-Technology & Management

(c) 2005 FIZ TECHNIK. All rts. reserv.

01361516 19991101597

**Innovation im mittleren Preisbereich. Spektrumanalyse**

anonym

Elektronik, Poing, v48, n22, pp50-51, 1999

Document type: journal article Language: German

Record type: Abstract

ISSN: 0013-5658

DESCRIPTORS: SPECTRAL ANALYZER; PRODUCT INFORMATION; TECHNICAL DATA;  
**COMPUTERISED** SIGNAL PROCESSING; **DISPLAYS** ; OPERATING PRINCIPLES; DEVICE  
PROPERTIES; **MARKET SHARE**

**16/3,K/14 (Item 2 from file: 95)**

DIALOG(R)File 95:TEME-Technology & Management

(c) 2005 FIZ TECHNIK. All rts. reserv.

00700144 E93080084286

**Image Processing findet aufnahmebereite Maerkte. Wird der Traum vom papierlosen Buero doch noch Realitaet?**

(Does the paperless office become reality as image processing and document imaging find capacious markets?)

Mierzowski, K

Die Computer Zeitung, v24, n30/31, pp13, 1993

Document type: Short journal article Language: German

Record type: Abstract

DESCRIPTORS: INFORMATION FLOW; DATA PROCESSING ORGANISATION; DOCUMENT;  
**MARKET ; INFORMATION MANAGEMENT ; GRAPHIC DATA PROCESSING;**  
MICROCOMPUTERS; ARCHIVING; **COMPUTERISED** PICTURE PROCESSING; WORM DISCS;  
DATA STORAGE; STORAGE CAPABILITIES; ELECTRONIC IMAGE PROCESSING; INTEGRATED  
TASK PROCESSING  
?

21/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05057170 Supplier Number: 47423327  
**NTT Data Corp. - Company Report**  
Investext, pl-9  
May 30, 1997  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...data. Products and services cited include point-of-sale systems, software, data communications, leasing services, **automated** teller machines, and outsourcing.x0D **Tables** in report: Stock Price, Earnings Data And Rating 1996-99; Financial Summary 1995-99; Balance Sheet 3/31/97; **Market Data** ; Valuation 1996-99; Share Ownership; Market Valuations 1996-99; Operating Margins Comparison Vs Hitachi Group...

21/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03950969 Supplier Number: 45721323 (USE FORMAT 7 FOR FULLTEXT)  
**Bouncing back**  
Flight International, p27  
August 9, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 950

... was featured on NASA's exhibit at Oshkosh. The cockpit concept-demonstrator, consisting of a **computerised** flatpanel **display** providing weather reports, runway and airspace conditions, and aircraft-systems data, is being used as a **market - research** tool. At Oshkosh, around 200 pilots were invited to a demonstration of the cockpit's ...

21/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03004447 Supplier Number: 44077956  
**Wagon - Company Report**  
Investext, pl-4  
Sept 3, 1993  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...and strong market shares in Belgium, France, Germany and the Netherlands, supplied from a highly **automated** manufacturing facility at Liege.  
**Tables** in report: Stock Price & Operating Data 1991-95; Sales And Profit Analysis By Region & Business Area 1993; Cash Flow Statement 1991-94; Key Company, Management And **Market Data**  
The INVESTEXT database offers the full text of this report online (RN=1369113). To order...



**21/3,K/4 (Item 4 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

02353173 Supplier Number: 43087450  
**Cascade Corporation - Company Report**  
Investext, pl-3  
June 19, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...domestic builders as potential customers. Longer term, a potentially large market is attachments to the **automated** -guided vehicle industry.

**Tables** in report: Earnings Per Share & Rating 1990-93; **Market Data** 1992-93; Earnings Power And Stock Performance 1989 & 1992; Quarterly Income Statement 1991-93  
The...

**21/3,K/5 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02227435 Supplier Number: 42905182  
**Cerner Corporation - Company Report**  
Investext, pl-3  
April 10, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...a joint venture with Beckman Instruments, which combines Cerner's laboratory software with Beckman's **automated** chemistry analyzers.

**Tables** in report: Fourth Quarter/Full Year Revenues & Income Data 1990-91; Financial Summary 1987-91; **Market Data** 1991-92  
The INVESTEXT database offers the full text of this report online  
(RN=1232239...

**21/3,K/6 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02159470 Supplier Number: 42807330  
**Watmoughs - Company Report**  
Investext, pl-6  
March 3, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...be installed in late 1992, c) cylinder engraving and pre-press facilities, and d) fully **automated** binding.

**Tables** in report: Turnover & Profit Data 1990-95; **Market Data** 1990-91; Printing Capacities By Publisher; Turnover Profile 1981-95; Non-Renewal Contract Epiration Dates...

21/3,K/7 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01436177 Supplier Number: 41720939  
**Measurex - Company Report**  
Investext, pl-10  
Dec 6, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...increasing factory efficiency and quality in a competitive world market.  
Products and services cited include **automated** manufacturing systems.  
**Tables** in report: Annual Income Statements 1985-91; Balance Sheet  
1989-90; Cash Flow From Operations 1987-91; Earnings Data & Rating 1989-91;  
**Market Data** & Share Ownership 1989-90; Market/Fin./Val. Data 1987-91;  
Order Dist. By Customer Category...

21/3,K/8 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01213848 Supplier Number: 41398123  
**Computer Associates International - Company Report**  
Investext, pl-18  
June 21, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...company generated \$60 million in free cash flow. Provides outlook.  
Products and services cited include **automated** manufacturing systems,  
database management systems.  
**Tables** in report: Stock Price Data And Rating 1990-92; Operating Data  
1985-91; **Market Data** 1985-91; APC Product Group; Fourth Quarter Results  
1989-90; Revenues By Division 1989-90...

21/3,K/9 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01211110 Supplier Number: 41394193  
**Cascade Corp. - Company Report**  
Investext, pl-3  
June 18, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...domestic builders as potential customers. Longer-term, a potentially  
large market is attachments to the **automated** -guide vehicle industry  
(AGV).  
**Tables** in report: Stock Price Data & Rating 1988-91; End-Markets; Market  
Share; **Market Data**; Quarterly EPS 1989-91; Earnings Power 1988-90;  
Stock Performance 1988-90; Historical Results 1977...

21/3,K/10 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01122514 Supplier Number: 41266134  
**Giddings & Lewis - Company Report**  
Investext, pl-3  
April 4, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...FMS now represent about 40% of Giddings' machine tool orders. Products and services cited include **automated** manufacturing systems, machine tools.

**Tables** in report: Stock Price Data & Rating 1988-90; Operating History 1988-90; Quarterly Earnings Per Share 1988-90; Balance Sheet Data 1986-89;  
**Market Data**

The INVESTEXT database offers the full text of this report online (RN=1008812). To order...

21/3,K/11 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01109021 Supplier Number: 41245171  
**Diebold, Incorporated - Company Report**  
Investext, pl-6  
March 28, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...old, inefficient manufacturing facilities with new, highly automated and more efficient ones. Gives information on **automated** teller machines.

**Tables** in report: Stock Price Data & Rating 1989-91; Financial Data 1980-91; **Market Data** 1985-90; U.S. ATM Market Share 1989; Worldwide ATM Market Share 1989; Balance Sheet...

21/3,K/12 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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0017540732 SUPPLIER NUMBER: 120352777 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Using wage records in workforce investments in Ohio:

rehabilitation/wage-record followup reports jointly developed in the 1990s by two Ohio State agencies and the Unemployment Compensation Program enable the agencies to track the status of former clients by means of matching wage records by Social Security number. (Workforce Investment)

Gordon, Rich; Schaff, Mark; Shaw, Greg  
Monthly Labor Review, 127, 5, 40(4)  
May, 2004

ISSN: 0098-1818 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2103 LINE COUNT: 00242

... on the economic impact of their interventions on behalf of their customers. Staff can compare **computerized** summary statewide wage-record data **tables** against the wage-record profiles of their individual clients. The statewide status profile, shown in...

21/3,K/13 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08120796 SUPPLIER NUMBER: 17375965 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Bouncing back. (Oshkosh '95 exhibition signals recovery of general aviation industry) (includes related article)**  
Walker, Karen  
Flight International, v148, n4484, p27(2)  
August 9, 1995  
ISSN: 0015-3710 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1515 LINE COUNT: 00123

... weather reports, runway and airspace conditions, and aircraft-systems data, is being used as a **market - research** tool. At Oshkosh, around 200 pilots were invited to a demonstration of the cockpit's ...

21/3,K/14 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07754462 SUPPLIER NUMBER: 16705310 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Interleaf Software ranked number one in Japanese DTP market survey.**  
Business Wire, p03231148  
March 23, 1995  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 493 LINE COUNT: 00043

... Interleaf 5 for Japanese is the most powerful desktop publishing package available in the Japanese **market**.  
**Information** Technology Research Inc. is a market research firm specialized in the information technology industry. UNIX...

21/3,K/15 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05582755 SUPPLIER NUMBER: 11562397 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Automation of securities markets and regulatory implications. (includes index of special features published in Financial Market Trends, periodical, 1977-1991) (Special Feature)**  
Financial Market Trends, n50, p20(33)  
Oct, 1991  
ISSN: 0378-651X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 16729 LINE COUNT: 01397

... 1991. It should mentioned that the introduction of IBIS in its initial version as a **market information** system gave rise to the introduction of a similar competing information system (MATIS) operated by ...

21/3,K/16 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03897091 SUPPLIER NUMBER: 07510051 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Managing with electronic maps. (mapping with computers) (includes related information)**  
Bylinsky, Gene  
Fortune, v119, n9, p237(7)  
April 24, 1989  
ISSN: 0015-8259 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3933 LINE COUNT: 00312

21/3,K/17 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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02396835  
**Michigan National - Company Report**  
Investext November 14, 1989 p. 1-15

... 100 million in tax benefits with which to shelter future taxable income. Gives information on **automated** teller machines, banks, mortgage banks.

**Tables** in report: Stock Price Data & Rating 1988-90; Stock Price & Revenue Data 1986-90; Balance Sheet 1988-89; Quarterly EPS 1988-90; **Market Data** 1988-90 & Share Ownership 1988-89; Valuation & Rating 1989; Earnings And Stock Price History 1975...

21/3,K/18 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00628065 92-43005  
**Warehousing: A Review for Management**  
Gordon, Jay  
Distribution v91n7 PP: 79-369 Jul 1992  
ISSN: 0273-6721 JRNL CODE: DWW  
WORD COUNT: 4144

...TEXT: frequency and other types of data collection systems--will more than double by 1995, predicts **market research** firm Frost & Sullivan. U.S. demand should follow a similar growth curve (see charts below). (**Charts** omitted) The market for **automated** material handling equipment, meanwhile, is expected to remain flat, with a couple of exceptions (see...

21/3,K/19 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

39298214  
**Cedara Launches OrthoWorks Spine Analyzer, a New Breakthrough in Orthopaedic Spinal Analysis and Planning**  
CANADA NEWSWIRE  
November 29, 2004  
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 880

... 500-plus X-ray-based spine parameters that are available in Spine Analyzer's graphical **display**. The system's semi-**automated** spinal vertebra anatomy detection feature simplifies planning and allows standard spinal measurements to be applied...

**21/3,K/20 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

27711241 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Q4 2002 NeoMagic Corporation Earnings Conference Call - Final - Part 1**

FAIR DISCLOSURE WIRE

February 13, 2003

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4650

... to process the pictures fast enough to give your full motion video on your viewfinder **display**. The MiMagic 5 **automates** the data fact from the camera to the displayed and dedicated hardware providing smooth full ...

**21/3,K/21 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

19554883 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**DisplaySearch Report Indicates Plasma Display Shipments to Rise at 88 Percent and 53 Percent on Unit and Revenue Basis Through 2005**

BUSINESS WIRE

October 29, 2001

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 562

...cell and electrode designs, lower depreciation expenses and reduced labor costs as factories become more **automated**.

DisplaySearch's 120-page Plasma **Display** Technology and Market Forecast section of its Alternative Display Technology Report explains the principles of...

**21/3,K/22 (Item 1 from file: 613)**

DIALOG(R)File 613:PR Newswire  
(c) 2005 PR Newswire Association Inc. All rts. reserv.

00935295 20030216NYSU003 (USE FORMAT 7 FOR FULLTEXT)

**TerraDigital Systems Debuts Wireless Digital Audio Jukebox**

PR Newswire

Sunday, February 16, 2003 07:15 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 957

TEXT:

...streaming audio for Internet radio.

TerraPlayer is bundled with a PC application that captures and **displays**

**automated** intelligent music information (metadata) -- meaning the album title,  
artist name and song titles -- using recognition...

...mainstream market," said Kurt Scherf, vice president of research for Parks Associates, a Dallas-based **market research** and consulting company that specializes in tracking emerging trends in the consumer electronics market. "We...

21/3,K/23 (Item 1 from file: 267)  
DIALOG(R)File 267:Finance & Banking Newsletters  
(c) 2005 The Dialog Corp. All rts. reserv.

04621053

**Cut to the Chase: Our SIA Week Briefing**

Editorial Staff

Security Industry News

June 27,2005 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: SECURITIES DATA PUBLISHING

LANGUAGE: ENGLISH

WORD COUNT: 1951

RECORD TYPE: FULLTEXT

(c) SECURITIES DATA PUBLISHING All Rts. Reserv.

TEXT:

...5310 Compliance Archiving System and an announcement by Reuters that future generations of its Reuters **Market Data** System will support Sun's new x64 platform and be capable of running on the...

...tools and hedge fund index research.

On-demand news distributor Newstex just rolled out an **automated chart** pattern recognition analysis tool from Recognia, called Technical Event Commentary, to its user base.

The Philadelphia Board of Trade will distribute proprietary **market data** from PBOT and the Philadelphia Stock Exchange to Bloomberg users over its new PBOT **Market Data** Distribution Network.

Financial information peddler Comtex News Network introduced new feeds developed by Wall Street...

...markets. The partners report trial installations in progress at a number of OTC brokers.

The **market data** infrastructure works at Wombat Financial Software will increase staff at its Belfast development center to...

?

24/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

11508622 Supplier Number: 122775246 (USE FORMAT 7 FOR FULLTEXT)  
**Disc Marketing Bolsters Branding Expertise With Strategic Hire.**  
Business Wire, pNA  
Oct 4, 2004  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 609

... to joining Disc Marketing, Venable held marketing posts at major brands such as Mattel Inc., **Hallmark Cards** Inc., and Wal-Mart Stores Inc. While serving as Senior Brand Manager at Mattel Inc., Venable directed all aspects of model line strategy and product development. His responsibilities stretched across **multiple** brands, categories and **channels** of distribution. His efforts resulted in double-digit revenue increases across all product categories for...

24/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

10818159 Supplier Number: 109721603 (USE FORMAT 7 FOR FULLTEXT)  
**Harry and David Selects Haggin Marketing for Holiday Direct Television Campaign; Haggin to Develop 60 Second Television Commercial for National Distribution.**  
Business Wire, p5109  
Nov 5, 2003  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 406

... is committed to providing clients with strategies and tools needed to market effectively in a **multi - channel** environment, and with a customer-centric perspective. Haggin's client list includes Dell, Inc., Hallmark Gold Crown, **Hallmark Cards**, Inc., Good Guys Electronics, Sunglass Hut International, Watch Station and Watch World. The agency is...

24/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

10406075 Supplier Number: 100724587 (USE FORMAT 7 FOR FULLTEXT)  
**Dell Selects Haggin Marketing for Multi-Year Strategic Advertising Program focusing on Consumer Catalog and Direct Marketing Initiatives.**  
Business Wire, p5308  
April 28, 2003  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 237

... committed to providing clients with the strategies and tools needed to market effectively in a **multi - channel** environment, and with a customer-centric perspective. Haggin's current clients include Hallmark Gold Crown, **Hallmark Cards**, Inc., Good Guys Electronics, Sunglass Hut International, Watch Station and Watch World, and Eddie



24/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

08468192 Supplier Number: 72382914 (USE FORMAT 7 FOR FULLTEXT)  
**Hallmark Cards and Crown Media Holdings Launch Hallmark Channel in U.S.;  
Odyssey Network to Become the Hallmark Channel August 6th.**  
PR Newswire, p9419  
March 28, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1304

... to quality, trust and caring while carrying strong consumer loyalty towards the organization and its **many** products and services. The **channel** 's new on-air look and direction is an outgrowth of and will reflect Crown Media's close relationship with **Hallmark Cards** as well as Hallmark Entertainment.

The Hallmark Channel also will extend Hallmark's brand promise...

24/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07799528 Supplier Number: 65135186 (USE FORMAT 7 FOR FULLTEXT)  
**Value, And Pain In Integration -- Some click-and-mortars are merging their  
traditional and online operations. (Company Business and Marketing)**  
Whiting, Rick  
InformationWeek, p22  
Sept 4, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; General Trade  
Word Count: 1442

... all our channels. The goal is to retain customers for life."  
By viewing data from **multiple channels**, companies can create unified pricing and promotions, better allocate merchandise between channels, and improve inventory and fulfillment operations. **Hallmark Cards** Inc., a \$3.9 billion greeting-card and gift retailer in Kansas City, Mo., is...

...but one that will require several iterations," says Steve Hawn, senior VP of IT at **Hallmark Cards**.

One of Hallmark's first steps will be to build a customer database, running on...

24/3,K/6 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07440881 Supplier Number: 62600666 (USE FORMAT 7 FOR FULLTEXT)  
**Crown Media Holdings Announces 35% Increase in Total Subscribers and 12%  
Increase in Revenues for First Quarter 2000.**  
Business Wire, p1326  
June 8, 2000  
Language: English Record Type: Fulltext

Document Type: Newswire; Trade  
Word Count: 1668

... agreement in the U.S. We also began to see increased advertiser interest in our **channels** as **many** blue-chip companies are attracted not only by our subscriber base, but also by the quality programming and the brand association of our strategic partners, including **Hallmark Cards**, Hallmark Entertainment and The Jim Henson Company. Our success reflects the strength of our product...

**24/3,K/7 (Item 7 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

03144675 Supplier Number: 44293351 (USE FORMAT 7 FOR FULLTEXT)

**Spartus' Promotional Clocks Offer Fashion**

HFD-The Weekly Home Furnishings Newspaper, p59

Dec 13, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 584

... the Crayola license over a year ago with licensor Binney & Smith, which is owned by **Hallmark Cards**. Spartus' existing offerings include three wall clocks, five alarm clocks and coordinating lamps. Products are aimed at **multiple** distribution **channels**.

'Crayola is doing well for us,' he added. 'It's not like Barney or the

...

**24/3,K/8 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

0016998997 SUPPLIER NUMBER: 116036143 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Hallmark Channel plans biggest push for birthday. (Marketing)**

Webdale, Jonathan

New Media Age, 10(1)

April 15, 2004

ISSN: 1364-7776

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 319

LINE COUNT: 00027

... site.

The UK cable and satellite channel. part of the multi-billion-dollar US business **Hallmark Cards**. has taken on Skive Creative to conduct the viral element of the campaign on its...

**24/3,K/9 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06809169 SUPPLIER NUMBER: 14631520 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Spartus' promotional clocks offer fashion. (Spartus Home Furnishings Inc.)**

Stankevich, Debby Garbato

HFD-The Weekly Home Furnishings Newspaper, v67, n50, p59(2)

Dec 13, 1993

ISSN: 0746-7885

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 607 LINE COUNT: 00047

... offerings include three wall clocks, five alarm clocks and coordinating lamps. Products are aimed at **multiple** distribution **channels**

"Crayola is doing well for us," he added. "It's not like Barney or the...

**24/3,K/10 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

05303779 Supplier Number: 88026770 (USE FORMAT 7 FOR FULLTEXT)  
**oneNest named sole preferred vendor of soy candles to Hallmark.**  
M2 Presswire, p0  
June 28, 2002  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 527

New York, NY -- /Xpress Press/ -- oneNest, Inc., a **multi - channel** wholesale gift company, today announced an exclusive sourcing arrangement with **Hallmark Cards**, Inc. As a 2002 Preferred Vendor in the Hallmark PLUS+ Vendor Program, oneNest is the...

**24/3,K/11 (Item 1 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

03184533 Supplier Number: 110051078 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Crown Media to Launch Second Hallmark Cable Channel.**

Knight-Ridder Tribune Business News  
November 12, 2003  
DOCUMENT TYPE: Regional Newspaper (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 400

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...into the 4,000-hour movie library Crown Media bought almost two years ago from **Hallmark Cards** for about \$815 million. A Crown Media spokeswoman said the company was just beginning talks with distributors about carrying the new movie **channel** and did not know how **many** households it would reach with the new channel.

The library has about 700 titles, including...

**24/3,K/12 (Item 2 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

02249272 Supplier Number: 25825741 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Value, And Pain In Integration -- Some click-and-mortars are merging their traditional and online operations**  
**(Home Depot begins selling products online, initially opening E-storefront**

to a few contractors in Las Vegas; will eventually sell online to contractors and DIYers nationwide)

Information Week, p 22

September 04, 2000

DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1396

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...all our channels. The goal is to retain customers for life."

By viewing data from **multiple channels**, companies can create unified pricing and promotions, better allocate merchandise between channels, and improve inventory and fulfillment operations. **Hallmark Cards Inc.**, a \$3.9 billion greeting-card and gift retailer in Kansas City, Mo., is...  
...but one that will require several iterations," says Steve Hawn, senior VP of IT at **Hallmark Cards**.

One of Hallmark's first steps will be to build a customer database, running on...

**24/3,K/13 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

02782905 662813191

**Smart Replenishment**

Gentry, Connie Robbins

Chain Store Age v80n7 PP: 57-60 Jul 2004

ISSN: 1087-0601 JRNL CODE: CSA

WORD COUNT: 1327

...TEXT: old greeting-card manufacturer based in Pawtucket, R.I. According to the Greeting Card Association, **Hallmark Cards** and American Greetings control as much as 85% of the estimated \$7.5 billion U...

...To maintain its third-place standing in the industry, Paramount created a value-priced retail **channel**.

Cardsmart stores carry as **many** as 11,000 SKUs in greeting and seasonal cards, all of which sell for 50...

**24/3,K/14 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

02715938 620466471

**Hallmark Channel plans biggest push for birthday**

Anonymous

New Media Age PP: 10 Apr 15, 2004

ISSN: 1364-7776 JRNL CODE: NMA

WORD COUNT: 303

...ABSTRACT: profile in the run-up to its fourth UK anniversary. The UK cable and satellite **channel**, part of the **multi**-billion-dollar US business **Hallmark Cards**, has taken on Skive Creative to conduct the

viral element of the campaign on its...  
...TEXT: precedes a complete overhaul of Hallmark UK's Web site.

The UK cable and satellite **channel** , part of the **multi** -billion-dollar US business **Hallmark Cards** , has taken on Skive Creative to conduct the viral element of the campaign on its...

**24/3,K/15 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02060177 59597224  
**Value, and pain, in integration**  
Whiting, Rick  
Informationweek n802 PP: 22-24 Sep 4, 2000  
ISSN: 8750-6874 JRNL CODE: IWK  
WORD COUNT: 1739

...TEXT: all our channels. The goal is to retain customers for life."

By viewing data from **multiple channels** , companies can create unified pricing and promotions, better allocate merchandise between channels, and improve inventory and fulfillment operations. **Hallmark Cards Inc.**, a \$3.9 billion greeting-card and gift retailer in Kansas City, Mo., is...

...but one that will require several iterations," says Steve Hawn, senior VP of IT at **Hallmark Cards** .

One of Hallmark's first steps will be to build a customer database, running on...

**24/3,K/16 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

35255912 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**NetScout Systems Reports Fourth Quarter & Year-End Financial Results For Fiscal 2004**  
PR NEWSWIRE (US)  
April 28, 2004  
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 2171

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Wildlife, Kodak, Shin Kong Life (Taiwan), Georgia-Pacific, Food Lion, Scandinavian IT Group (Sweden) and **Hallmark Cards** , Inc. Guidance:

For the seasonally slow first quarter of fiscal year 2005, the Company expects...

**24/3,K/17 (Item 2 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.  
32229611 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Crown Media to Launch Second Hallmark Cable Channel**

Jennifer Mann  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS - THE KANSAS CITY STAR - MI  
November 12, 2003  
JOURNAL CODE: KKCS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 397

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... spokeswoman said the company was just beginning talks with distributors about carrying the new movie **channel** and did not know how **many** households it would reach with the new channel.

The library has about 700 titles, including...

**24/3,K/18 (Item 3 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

30689359 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Q2 2003 Crown Media Holdings, Inc. Earnings Conference Call - Final**  
FAIR DISCLOSURE WIRE  
August 14, 2003  
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 4375

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Africa and Denmark. Bill Aliber will provide you with details on our recent refinancing with **Hallmark cards**. Needless to see, we're extremely pleased with the strong show of support from our...

... it provides for us. In a recent employee newsletter, Don Hall Junior, president CEO of **Hallmark Cards** supported financial results we are national as Hallmark's commitment to the channel and their...the holiday promotion that we did last year, the joint promotion, a huge promotion with **Hallmark cards** where we added just under 20 million new viewers to the channel. We're going to be doing a joint promotion with **Hallmark Cards** again these holidays, so we're looking forward to that having a positive effect again...

**24/3,K/19 (Item 4 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

30685894 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Crown Media Holdings Announces Financial Results for Second Quarter 2003**  
BUSINESS WIRE  
August 14, 2003  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 3354

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... recently announced that it sold a \$400 million senior unsecured note to a subsidiary of **Hallmark Cards**. Approximately \$330 million of the proceeds were used to repurchase the Company's preferred trust...

**24/3,K/20 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

23621337 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**oneNest, Inc.: oneNest named sole preferred vendor of soy candles to Hallmark**

M2 PRESSWIRE

June 28, 2002

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 487

... oneNest, Inc., a multi-channel wholesale gift company, today announced an exclusive sourcing arrangement with **Hallmark Cards**, Inc. As a 2002 Preferred Vendor in the Hallmark PLUS+ Vendor Program, oneNest is the...

**24/3,K/21 (Item 6 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

20733750 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Top Retailers Endorse SeeBeyond as the Leading Choice for eBusiness Application Integration**

BUSINESS WIRE

January 14, 2002

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1019

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... TD VALIGN="TOP" NOWRAP> -- </TD><TD>Lands' End: Enabling more flexible business processes, services and **channels**, SeeBeyond solutions connect **multiple** Lands' End systems by integrating data storage systems, hardware, network protocols and enterprise applications. </TD...

**24/3,K/22 (Item 1 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2005 Business Wire. All rts. reserv.

00890956 20030428118B9576 (USE FORMAT 7 FOR FULLTEXT)

**Dell Selects Haggin Marketing for Multi-Year Strategic Advertising Program focusing on Consumer Catalog and Direct Marketing Initiatives-Haggin to develop strategies and creative solutions for the home market**

Business Wire

Monday, April 28, 2003 06:01 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 215

...committed to providing clients with the strategies and tools needed to market effectively in a **multi - channel** environment, and with a customer-centric perspective.

Haggin's

current clients include Hallmark Gold Crown, **Hallmark Cards**, Inc., Good Guys

Electronics, Sunglass Hut International, Watch Station and Watch World, and Eddie Bauer...

24/3,K/23 (Item 2 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2005 Business Wire. All rts. reserv.

00646433 20020114014B9595 (USE FORMAT 7 FOR FULLTEXT)  
**Top Retailers Endorse SeeBeyond as the Leading Choice for eBusiness  
Application Integration-SeeBeyond To Feature Leading Integration Platform  
At Retail's 'BIG SHOW' -- NRF 2002**  
Business Wire  
Monday, January 14, 2002 08:59 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 998

...offices to respond to evolving customer demands while  
significantly reducing systems implementation and maintenance  
costs.  
-- **Hallmark Cards**, Inc.: As its corporate standard, SeeBeyond  
provides enterprise-wide integration solutions to Hallmark to  
enable...  
...to further enable its eBusiness initiatives.  
-- Lands' End: Enabling more flexible business processes,  
services and **channels**, SeeBeyond solutions connect **multiple**  
Lands' End systems by integrating data storage systems,  
hardware, network protocols and enterprise applications.

"Customers...

24/3,K/24 (Item 3 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2005 Business Wire. All rts. reserv.

00620143 20011113317B3059 (USE FORMAT 7 FOR FULLTEXT)  
**SeeBeyond Extends Lead in Retail, Has More in Store; eBusiness Integration  
Helps Growing Base of Retail Customers and Partners Maximize Margins While  
Improving Customer Service**  
Business Wire  
Tuesday, November 13, 2001 09:07 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 847

...the seamless flow of information  
among trading partners while ensuring a high level of  
security.  
-- **Hallmark Cards**, Inc.: As its corporate standard, SeeBeyond  
provides enterprise-wide integration solutions to Hallmark to  
enable...  
...to further enable its eBusiness initiatives.  
-- Lands' End: Enabling more flexible business processes,  
services and **channels**, SeeBeyond solutions connect **multiple**  
Lands' End systems by integrating data storage systems,  
hardware, network protocols and enterprise applications.

"While...



24/3,K/25 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0019428

**SHOULD COMPANIES GROOM NEW LEADERS OR BUY THEM?: MORE BUSINESSES ARE  
HIRING OUTSIDERS AS TOP MANAGERS--WITH MIXED SUCCESS**

John A. Byrne, with Alison Leigh Cowan in New York  
Business Week, Number 2965, Pg 94  
September 22, 1986  
JOURNAL CODE: BW  
SECTION HEADING: The Corporation ISSN: 0007-7135  
WORD COUNT: 1,266

**TEXT:**

... if the outsider doesn't make it. So they squeeze newcomers out of the information **channels** ."

Still, **many** outsiders have overcome such obstacles and boosted their companies' performance. "The toughest part was to...

... A. Northrop, who left Monet Jewelers, then owned by General Mills, to become president of **Hallmark Cards** Inc.'s jewelry company, Trifari, Krussman & Fishel Inc., about a year ago. Northrop believes he...  
?

File 344:Chinese Patents Abs Aug 1985-2005/May  
(c) 2005 European Patent Office  
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
(c) 2005 JPO & JAPIO  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200540  
(c) 2005 Thomson Derwent  
File 348:EUROPEAN PATENTS 1978-2005/Jun W03  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2005/UB=20050623,UT=20050616  
(c) 2005 WIPO/Univentio  
File 331:Derwent WPI First View UD=200540  
(c) 2005 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	3504	(COMPUTERI? OR AUTOMATE?)(5N)(DISPLAY OR DISPLAYS OR GRAPH- IC OR GRAPHICS OR TABLE OR TABLES OR CHART OR CHARTS)
S2	0	S1(5N)(MARKET()(RESEARCH OR INFORMATION OR DATA))
S3	0	S1(5N)(MARKET()(CHANNEL? ? OR SHARE? ?))
S4	0	S1(5N)(MARKET()(PURCHASE? OR PURCHASING OR POINT(1W)SALE? ? OR WHOLESAL?))
S5	120380	(MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS)(5N)(CHANNEL OR CHANNELS)
S6	11431	(NUMBER OR VALUE OR UNIT OR UNITS OR QUANTITY OR QUANTITIE- S)(5N)(SOLD OR SALES OR SELLING)
S7	79	S6(5N)PERCENTAGE?
S8	1165	S6(5N)(PRICE OR PRICES OR PRICING)
S9	47	S6(5N)(TIME()(PERIOD OR PERIODS))
S10	48583	(SELECT OR CHOOS? OR IDENTIF?)(5N)(STYLE? OR DESIGN OR DES- IGNS OR DISPLAY?)
S11	58	HALLMARK()CARDS?
S12	129	AU=(BUTLER, P? OR BUTLER P?.OR POLE, A? OR POLE A? OR GIVA- N, G? OR GIVAN G?)
S13	62	S1 AND (MARKET()(RESEARCH OR DATA OR INFORMATION))
S14	19	S13 AND S5
S15	5	S14 AND (S7 OR S8 OR S9)
S16	15	S14 AND S10
S17	10	S16 NOT S15
S18	30	S13 AND (S7 OR S8 OR S9 OR S10)
S19	27	S18 AND IC=G06F
S20	13	S19 NOT (S15 OR S16 OR S7)
S21	32	S1 AND (MARKET()(CHANNEL? ? OR SHARE? ?))
S22	24	S21 AND (S7 OR S8 OR S9 OR S10)
S23	13	S22 AND S5
S24	2	S23 NOT (S15 OR S16 OR S17 OR S20)
S25	4	S1 AND (MARKET()(PURCHASE? OR PURCHASING OR POINT(1W)SALE? ? OR WHOLESAL?))
S26	0	S11 AND S1
S27	0	S12 AND S1
S28	0	S5 AND S12

15/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A  
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF  
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE  
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET  
PROCEDE ASSOCIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States:

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Detailed Description

Detailed Description

... accordance with one embodiment of the  
present invention;

Figure 80 is a flowchart illustrating the **data** services in accordance  
with one embodiment of the  
present invention;

1 1

Figure 82 is...called only when the framework needs it (e.g., to create  
or manipulate a proprietary **data** structure).

A programner writing a framework program not offly refingislies  
control to the user (as...for new business relationships with respect to  
the service provider 506 provides an open access **channel** for new  
service offerings from the manufacturer so that focus may be moved on a  
...received utilizing the network in operation 802. Received in operation  
804 utilizing the network is **information** from one or more manufacturers  
relating to the available supply of manufacturer offerings. The supply...  
central management unit connected to each of the terminal units. During  
the management process, order **information** from. one of the terminal  
units us sent to the central management unit.

A total...

...network, information is received information from at least one service provider in operation 1002. This **information** includes information relating to present network assets of the service provider.

Information is also received...New Core".

NGN Creation Strategy

The network transformation plan comprises of the following phases  
Strategy

**Market** Trial

Service Launch

Consolidation and Optimization

Strategy

'Determine where our current network fits in the...

...the network operator moves into operating and maintaining the "NGN", there will be many parallel **market** driven journeys during which services and capabilities will be developed for the "NGN". The network...line encoding for

99

ITU G.711 Recommendation for Pulse Code Modulation of 3kHz Audio

**Channels** .

ITU G.722 Recommendation for 7kHz Audio Coding within a 64kbit/s channel.

ITU G...

...2

Mbit/s

ITU H.242 System for Establishing Communication Between Audiovisual Terminals Using

Digital **Channels** up to 2Mbits

ITU H.243 System for Establishing Communication Between Three or More

Audiovisual...identified as model NCR 5682, incorporates the data

gathering and transaction processing capabilities of conventional

**automated** teller machines with video, **graphics**, audio and printer

operations. Interactivity

with the customer is governed by a software system through...satisfy the

need for an automated transaction system providing an ergonomic

interface.

To implement an **automated**, convenient transaction ...retrieved and maintained at later point

Adapts pricing for geographic markets

172

Passes quotes to **channel** partners

Determines credit available and terms

Provides web call-through for non-standard pricing

Next...products. Typically computer software products are licensed,

rather than sold, to the computer user

under **various** arrangements. The simplest common license arrangement

gives

the user the right to use a software...

15/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE  
AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE  
LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE  
D'APPROVISIONNEMENT RESEAUTEE**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

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HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
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Fulltext Availability:

Detailed Description

Detailed Description

... 4 is a chart illustrating the relations between benefit areas and  
components of the eCommerce **Market** Space in accordance with an  
embodiment of the present invention; Figure 5 is a schematic...an order  
communicated from a branch order entry clerk or account executive;  
Figure 137 illustrates **data** processing for executing and accounting for  
orders that have been qualified for execution by the...

...from the execution of each trade; Figure 139 is the right portion of a  
flow **chart** for the data processing of block 13714 of Figure 137 for  
updating the inventory cost...30

In an aspect of the present invention, the information of the  
manufacturer may include, **information** relating to the availability of  
the manufacturer offerings. In such an aspect, the service provider...  
clocked input signals, it also makes it nearly impossible to locate  
individual DSI or DSO **channels** within a DS3 bit stream. To extract a  
single channel, a DS3 signal w'ould...

...tributaries. The major advantage of synchronous multiplexing is that  
when DSI and other low-speed **channels** are **multiplexed** directly into  
the STS format, the lower speed channels can be identified and  
reconfigured for...management services is generally referred to as  
Managed Networked Services QvNS). Yankee Group estimates this **market**  
will estimated to grow from \$313 to 913 within the next tliree years.  
11NS became...if the call 3602 is a wideband call. A wldeband call is one

that requires **multiple** transmission lines, or **channels** . For example, a typical video call requires six (6) transmission channels : one (1) for voiceto indicate which, and how **many** , of the twenty-four **channels** is used during a wideband call, the switch records the channel information in an expanded...the user's access time. The Internet Entry' Server is programmed to recognize the PIN **number** as entitling the user to a limited prepaid or "free" Internet access time for on...identified as model NCR 5682, incorporates the data gathering and transaction processing capabilities of conventional **automated** teller machines with video, **graphics** , audio and printer operations. Interactivity with the customer is governed by a software system through...

15/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF**

**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

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2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

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GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 171499

Fulltext Availability:

Detailed Description

Detailed Description

... the service providers would be allowed to migrate from operations focus to strategic technology and **market** management.

The components may include some or all of an installation management component 208, a...integrators becomes a critical differentiator.

Figure 6 illustrates some of the components in the eCommerce **Market**

of conventional **automated** teller machines with video, **graphics** , audio and printer operations. Interactivity with the customer is governed by a software system through...purchase articles from a remote location for pickup at an article pickup area at an **automated** store.

In accordance with the above, the present invention may provide a quick-stop mass...

15/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US32309 20001122 (PCT/WO US0032309)

Priority Application: US 99444655 19991122; US 99444886 19991122

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Filing Language: English

Fulltext Word Count: 157840

Fulltext Availability:

Detailed Description

Detailed Description

... 4 is a chart illustrating the relations between benefit areas and components of the eCommerce **Market** Space in accordance with an embodiment of the present invention; Figure 5 is a schematic... programming problems into many smaller, simpler problems. Encapsulation enforces data abstraction through the organization of **data** into small, independent objects that can communicate with each other. Encapsulation protects the data in...The major advantage of synchronous multiplexing is that when DS I and other low-speed **channels** are

**multiplexed** directly into the STS format, the lower speed channels can be identified and reconfigured for...home network. The RJU controls, communicates, and configures devices within the home network, and communicates **information** from the home network back to the utility central computer via the distribution system. The...

...or more manufacturers in operation 904. A network is utilized in operation 906 to receive **information** from the manufacturer relating to the status of the completing of the order by the...the manufacturers may be managed utilizing the network based on the received present network asset **information**. In such an embodiment, a roll-out planning tool may be utilized for managing the...networks are also used which combine burst type data with the more continuous types of **information** such as voice, high quality audio, and motion video. Commercialization of voice, video and audio...

...as a user terminal, computer, application program within a computer, or other data handling or **data** communication device--to a destination, which may be simply another data handling or data communication...network control center, which then transmits these predetermined paths to the backbone switches as routing **tables** consisting of primary and secondary choices of available links from each hub. The secondary choices...approach to transform specific parts of the infrastructure towards the "NGN" and "New Core". The **market** trial provides the entry-exit criteria, metrics, Key Performance Indicators etc. to assess the success ...

...the network operator moves into operating and maintaining the "NGN", there will be many parallel **market** driven journeys during which services and capabilities will be developed for the "NGN". The network...if the call 3602 is a wideband call. A wideband call is one that requires **multiple** transmission lines, or **channels**. For example, a typical video call requires six (6) transmission channels : one (1) for voice...

...systems currently 'de up to twenty-four (24) channels. Therefore, to indicate which, and how **many**, of the provi  
twenty-four **channels** is used during a wideband call, the switch records the channel infor-nation in an...begin the data session by performing actions such as searching for web sites or downloading **data** from Internet sites.

During the data session, the present invention allows users the option to ...identified as model NCR 5682, incorporates the data gathering and transaction processing capabilities of conventional **automated** teller machines with video, **graphics**, audio and printer operations. Interactivity with the customer is governed by a software system through ...Matches content to users via configurable business rules  
Allows custom template based publishing  
The content **channels** component of the present invention also provides for generic and custom template based publishing by...

15/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF  
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A

Sylvia Keys

29-Jun-05 03:01 PM



MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE  
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION  
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Availability:

Detailed Description

Detailed Description

... an online advertising scenario; Figure 115 depicts a sample  
architecture providing direct network access to **several** of customers in  
order to share specifications, distribute engineering designs, and  
collaborate on works in...

...counter

(or other) bandwidth market system of the instant invention;

Figure 136 is a flow **chart** of data processing for qualifying for  
execution of an order

communicated from a branch order...to develop complex applications. As  
OOP moves toward the mainstream of software design and development,  
**various** software solutions require adaptation to make use of the  
benefits of OOP.

18

OOP is...The major advantage of synchronous multiplexing is that when DS  
I and other low-speed **channels** are **multiplexed** directly into the STS  
format, the lower speed channels can be identified and

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reconfigured...for connecting data terminals, computers, and other user  
systems or devices, generally refereed to as **data** terminal equipment  
(DTE), to a packet-switched network through data circuit terminating  
equipment (DCE) utilized...

...networks (PDNs) offer little or no security for communications between  
users and hosts or other **data** processing devices within ...provides

the personalized SLA reports to customers in both a template and ad-hoc format.

**Data Mining Demonstration** - Provides the capability to analyze network management data looking for patterns and correlations...e.g. ATM can be the backbone for frame relay and IP data networks). These **data** networks share the same SONET based backbone with the PSTN network. The services on the...New Core".

#### NGN Creation Strategy

The network transformation plan comprises of the following phases  
Strategy

**Market** Trial

Service Launch

Consolidation and Optimization

#### Strategy

Determine where our current network fits in the...aim is to provide effective service specific monitoring, management and customers meaningful and timely performance **information** across the parameters of the specific service.

The aim is also to manage service levels...logger and event manager. The event logger and event manager feed the rating and billing **information** for degraded service using the personally customized rules database. Utilizing an expert system for the...

...The media transferred over the network may be telephony data, image data, or any other **data** capable of packet switched transmission.

In a second step 2702, events are generated based on...if the call 3602 is a wideband call. A wideband call is one that requires **multiple** transmission lines, or **channels**. For example, a typical video call requires six (6) transmission channels : one (1) for voice systems currently 'de up to twenty-four (24) **channels**. Therefore, to indicate which, and how **many**, of the provi  
twenty-four **channels** is used during a wideband call, the switch records the channel information in an expanded...identified as model NCR 5682, incorporates the data gathering and transaction processing capabilities of conventional **automated** teller machines with video, **graphics**, audio and printer operations. Interactivity with the customer is governed by a software system through...

...is stored. Self-service information sales terminals are remotely linked on-line to the central **data** processing center and are programmed to gather information from prospective customers on goods and services... same product can differ from distributor to distributor, from retailer to retailer and from geographic **market** to geographic market. Even within a single merchant's inventory, price variations on an individual...point is determined by the relative pricing between the two distribution systems.

For environments where **many** users need the software but only spend a portion of their time using it, neither...

?

17/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00911764

SYSTEMS AND METHODS FOR DETECTION ASSAY ORDERING, DESIGN, PRODUCTION,  
INVENTORY, SALES AND ANALYSIS FOR USE WITH OR IN A PRODUCTION FACILITY  
SYSTEMES ET PROCEDES DE COMMANDE, DE CONCEPTION, DE PRODUCTION,  
D'INVENTAIRE, DE VENTE ET D'ANALYSE DE DOSAGES DE DETECTION, POUVANT  
ETRE UTILISES AVEC OU DANS UN MOYEN DE PRODUCTION

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Patent and Priority Information (Country, Number, Date):

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2001771332 20010126; US 2001782702 20010213; US 2001285895 20010423; US  
2001288229 20010502; US 2001289764 20010509; US 2001304521 20010711; US  
2001307660 20010725; US 2001915063 20010725; US 2001308878 20010731; US

2001311582 20010810; US 2001929135 20010814; US 2001930535 20010815; US  
2001930688 20010815; US 2001930646 20010815; US 2001930543 20010815; US  
2001326549 20011002; US 2001238312 20011010; US 2001329113 20011012; US  
2001328861 20011012; US 2001360489 20011019; US 20012251 20011026; US  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Detailed Description

Claims

Detailed Description

... support that does not move during operation). In some embodiments, the reaction support comprises a **plurality** of waste **channels**. In preferred embodiments, the waste channels in closed fluidic contact with each of the reaction...embodiment of a data management system of the present invention.

Figure 63 shows a computer **display** of an association database.

Figure 64 shows a computer display of a Microsoft Excel worksheet... bioinformatics module comprises identification of splice sites for each RNA.

In some embodiments, homologies are **identified** and used to **design** inclusive (e.g., interspecies) assays  
Forexample, single assays can detect human and rat CYP1A1, or mouse 10 and rat GAPDH, etc. Interspecies assays...

...packaged, and inventoried for the time and price of one, In some embodiments, homologies are **identified** and used to **design** exclusive assays (e.g., assays that will not cross-react between species).

In some embodiments...tags, rather than entered through menus or check boxes.

In the case of Multiple SNP **Designs**, the user **chooses** two or more **designs** to work with.

In some embodiments, this selection opens a new screen view (e.g...  
...each, and presents them to the user in this screen view.

The user can then **choose** any two **designs** to work with. In some embodiments, the user **chooses** a first and second **design** (e.g., via a menu or buttons) and clicks a "Design It" button to continue...the Designer Worksheet (e.g., by clicking a "Go Back" button) or can save the **design** (e.g., by clicking a "Save It" button) and continue (e.g., to submit the...

...Cancel" to go back to a previous screen. When finished making any adjustments to the **designs**, the user can **select** the "Design Review" button to get to the Design Review step. Design Review shows all entered assay...sequence. By filling out a number in the "number of loci" field, the user can **choose** how many **designs** he or she want's to see. The number of loci are evenly divided over...

...Integration of the various design methods could involve querying the user or having the user **select** one or more **design** methods based on the following examples.

Does the mRNA sequence have significant homology to other...table as  
142  
"pass" (green), "mis-call" (pink), or "no-call" (white) (See, PCR Primer **Design** Example 2 below).

In some embodiments the number of PCR reactions is from about 1 to obtain the same **data** set is an attractive option.

To design primers for a successful multiplex PCR reaction, the...

#### Claim

... 228, wherein said reagent dispensers are connected to said plurality of reagent tanks through a **plurality** of **channels**.

354

. The synthesizer of Claim 228, wherein said plurality of reagent tanks comprise one or...

...reaction support,

232. The synthesizer of Claim 228, wherein said reaction support further comprises a **plurality** of waste **channels**, said waste **channels** in closed fluidic contact with each of said reaction chambers. 233. The synthesizer of Claim...

17/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784143

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOAD BALANCING REQUESTS AMONG SERVERS**

**SYSTEME, PROCEDE ET ARTICLE POUR EQUILIBREUR DE CHARGE DANS UN ENVIRONNEMENT DE STRUCTURES DE SERVICES**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US24236 20000831 (PCT/WO US0024236)

Priority Application: US 99387576 19990831

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150248

Fulltext Availability:

Detailed Description

Detailed Description

... 120 and depicts the flow of control during Structure Based Communication;

Figure 122 shows Five **Styles** of Client/Server Computing;

Figure 123 illustrates a flowchart for a method for providing an...an engineering discipline. It creates and also depends on a structured manner to analyze and **design** whatever is to be built. Like all living disciplines, architecture continues to grow and evolve...together. Based on the inventory of components and the description of their relationships, practitioners will **select** the necessary components for their **design**. An architect extracts components from one or more Frameworks to meet a specific set of...printing and faxing, calendar, etc.

Form 1304

Form Services enable applications to use fields to **display** and collect data. A field may be a traditional 3270-style field used to display... support. Products targeted at one or the other use will have different facilities. (source

is **market research** )

Is there a need to ease access to corporate data?

Use report writers when users...

...non-nal applications, they launch faster and require very little training to operate. (source is **market research** )

Product considerations

Buy vs. Build

There are numerous packaged controls on the market today that...

...table scan, single-table report, joined table report, and mailing label generation times. (source is **market research** )

What is the budget?

Per developer costs as well as run time licensing fees, maintenance...

...4) offer better tools and more predefined reports; and (5) have faster engines.

(source is **market research** )

Does the product integrate with the existing or proposed architecture?

It is important to consider...

...Another possible consideration is how well the product accesses multiple files or databases. (source is **market research** )

What are the required features of the tool?

Features to look for include but are...Microsoft Office documents, in their original fori-nat.

Netscape Catalog Server 1.0 - provides an **automated** search and discovery server for creating, managing, and keeping current an online catalog of documents...the right to transmit.

multiplexing - A method of sharing physical media among nodes by consolidating **multiple**, independent **channels** into a single circuit. The independent channels (assigned to nodes, applications, or voice calls) can...

...of time slots, and each independent channel is assigned its own periodic slot.

frequency division **multiplexing** (FDM) - each independent **channel** is assigned its own frequency range, allowing all channels to be carried simultaneously.

Flow Control...

17/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784137

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE COLLECTION IN ENVIRONMENT SERVICES PATTERNS**

**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116729 A2-A3 20010308 (WO 0116729)

Application: WO 2000US24238 20000831 (PCT/WO US0024238)

Priority Application: US 99386435 19990831

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 150959

Fulltext Availability:

Detailed Description

Sylvia Keys

29-Jun-05 03:03 PM

#### Detailed Description

... living disciplines, architecture continues to grow and evolve. Engineering discoveries move the field forward. Certain **design** and engineering principles clearly show themselves to be successful in practice, and these then become...look like. A model is a kind of test stage, allowing everyone to test the **design** in a near-real-life setting.  
Step 4: Build 208. This is the actual construction...together. Based on the inventory of components and the description of their relationships, practitioners will **select** the necessary components for their **design**. An architect extracts components from one or more Frameworks to meet a specific set of...Netcentric Architecture, rather than on a traditional client/server or a host-based architecture.

However **choosing** a generation is not just a technical decision. Often key technology architecture decisions are made...to determine how well the product integrates with other design and development tools, presentation services ( **graphics** , multi-media, etc.), data access services (databases and database A-PI libraries), distribution services (distributed...support. Products targeted at one or the other use will have different facilities. (source is **market research** )  
Is there a need to ease access to corporate data?  
Use report writers when users...

...than nonnal applications, they launch faster and require very little training to operate. (source is **market research** )

Product considerations

Buy vs. Build

There are numerous packaged controls on the market today that...

...table scan, single-table report, joined table report, and mailing label generation times. (source is **market research** )

What is the budget?

Per developer costs as well as run time licensing fees, maintenance...4) offer better tools and more predefined reports; and (5) have faster engines.

(source is **market research** )

Does the product integrate with the existing or proposed architecture?  
It is important to consider...

...Another possible consideration is how well the product accesses multiple files or databases. (source is **market research** )

What are the required features of the tool?

Features to look for include but are...the right to transmit.

multiplexing - A method of sharing physical media among nodes by consolidating **multiple** , independent **channels** into a single circuit. The independent channels 1 5 (assigned to nodes, applications, or voice independent channel is assigned its own periodic slot.

frequency division **multiplexing** (FDM) - each independent **channel** is assigned its own frequency range, allowing all channels to be carried simultaneously.

Flow Control...is still chaotic.



One of the most important challenges is teaching a new application development **style** . Although components and objects have been around for a while, they are new to most...

17/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784126

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE  
IN ENVIRONMENT SERVICES PATTERNS  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE  
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

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Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 38th  
Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116706 A2-A3 20010308 (WO 0116706)

Application: WO 2000US24086 20000831 (PCT/WO US0024086)

Priority Application: US 99387873 19990831

Designated States:

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AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 150318

Fulltext Availability:

Detailed Description

Detailed Description

... illustrates Problems with Globally Addressable Interfaces in a system  
including clients

and servers with a **plurality** of interfaces;

10

Figure 86 illustrates the manner in which the present invention uses a...  
together. Based on the inventory of components and the description of  
their relationships, practitioners will **select** the necessary components  
for their **design** . An architect extracts components from one or more  
Frameworks to meet a specific set of...must be initiated to distribute  
new code to all client machines. The browser-centric application **style**  
offers an alternative to this traditional problem of distributing  
ftirictionality to both internal and external...printing and faxing,  
calendar, etc.

Form 1304

Form Services enable applications to use fields to **display** and collect data. A field may be a traditional 3270-style field used to **display** or input textual data, or it may be a graphical field such as a check...is fully-compatible with previous ones. Basic features supported by HTML include headings, lists, paragraphs, **tables**, electronic forms, in-line images (...support. Products targeted at one or the other use will have different facilities. (source is **market research**)

Is there a need to ease access to corporate data?

Use report writers when users...

...than normal applications, they launch faster and require very little training to operate. (source is **market research**)

Product considerations

Buy vs. Build

There are numerous packaged controls on the market today that...

...table scan, single-table report, joined table report, and mailing label generation times. (source is **market research**)

What is the budget?

Per developer costs as well as run time licensing fees, maintenance...

...4) offer better tools and more predefined reports; and (5) have faster engines.

(source is **market research**)

Does the product integrate with the existing or ...Another possible consideration is how well the product accesses multiple files or databases. (source is **market research**)

What are the required features of the tool?

Features to look for include but are...the right to transmit.

multiplexing - A method of sharing physical media among nodes by consolidating **multiple**, independent **channels** into a single circuit. The independent channels 1 5 (assigned to nodes, applications, or voice ...

...of time slots, and each independent channel is assigned its own periodic slot.

frequency division **multiplexing** (FDM) - each independent **channel** is assigned its own frequency range, allowing all channels to be carried simultaneously.

Flow Control...

17/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784124

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS  
Patent Applicant/Assignee:

Sylvia Keys

29-Jun-05 03:03 PM

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116704 A2-A3 20010308 (WO 0116704)

Application: WO 2000US24082 20000831 (PCT/WO US0024082)

Priority Application: US 99386715 19990831

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Availability:

Detailed Description

Detailed Description

... illustrates Problems with Globally Addressable Interfaces in a system  
including clients

and servers with a **plurality** of interfaces;

Figure 86 illustrates the manner in which the present invention uses a  
Locally...an engineering discipline. It creates and also depends on a  
structured manner to analyze and **design** whatever is to be built. Like  
all living disciplines, architecture continues to grow and evolve...Step  
2: Design 204. This is a blueprint stage. The architect creates one or  
several **designs** showing the layout of the structure, how different  
spaces fit together, how everything looks from...together. Based on the  
inventory of components and the description of their relationships,  
practitioners will **select** the necessary components for their **design**.  
An architect extracts components from one or more Frameworks to meet a  
specific set of...Netcentric Architecture, rather than on a traditional  
client/server or a host-based architecture.

However **choosing** a generation is not just a technical decision. Often  
key technology architecture decisions are made...support a style of  
computing where processes on different machines communicate using  
messages. In this **style**, "llclient" processes delegate business  
functions or other tasks (such as data manipulation logic) to one...Lotus  
Development

Corporations electronic forms software provides tools to design, route  
and track

forms to **automate** business processes for the workgroup or the extended  
enterprise. Lotus Forms is designed to run...support. Products targeted  
at one or the other use will have different facilities. (source  
is **market research**)

Is there a need to ease access to corporate data?

Use report writers when users...

...than normal applications, they launch faster and require very little training to operate. (source is **market research** )

Product considerations

Buy vs. Build

There are numerous packaged controls on the market today that...

...table scan, single-table report, joined table report, and mailing label generation times. (source is **market research** )

What is the budget?

Per developer costs as well as run time licensing fees, maintenance...4) offer better tools and more predefined reports; and (5) have faster engines.

(source is **market research** )

Does the product integrate with the existing or proposed architecture?

It is important to consider...

...Another possible consideration is how well the product accesses multiple files or databases. (source is **market research** )

What are the required features of the tool?

Features to look for include but are...the right to transmit.

multiplexing - A method of sharing physical media among nodes by consolidating **multiple** , independent **channels** into a single circuit. The independent channels (assigned to nodes, applications, or voice calls) can...

...time slots, and each independent channel is assigned its own periodic slot.

182

frequency division **multiplexing** (FDM) - each independent **channel** is assigned its own frequency range, allowing all channels to be carried simultaneously.

Flow Control...analogous to Partitioned Business Components. And finally, the designer might use generic parts in the **design** of the Disk Controller Card, such as Memory Chips for cache, Bus Adapters, etc. These ...

17/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777012

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR PROVIDING AN INTERFACE BETWEEN A FIRST SERVER AND A SECOND SERVER.**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE BASEE SUR JAVA**

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200109721 A2-A3 20010208 (WO 0109721)  
Application: WO 2000US20561 20000728 (PCT/WO US0020561)  
Priority Application: US 99364531 19990730

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 126924

Fulltext Availability:

Detailed Description

Detailed Description

... help

according to an embodiment of the present invention;

Figure 104 illustrates New SIR window **displayed** upon **select** the New button on the Main

Window according to an embodiment of the present invention...to the selection criteria. This third recordset may include errors and references to an error **table** on the first server for allowing processing of the errors.

In a further embodiment of...user interface entry

NU field and the business component instances containing the value to **display**.

Defines the mapping between a user interface radio button field and the business component instancescontaining...an example showing the attributes 1400 of member "Joe Bloggs" (Note RoleName).

EVENT HANDLER FRAMEWORK **DESIGN**

Figure 15 illustrates a method 1500 for handling ...above-described method.

This portion of the present description details the ReTA Event Handler framework **design** from.

the perspective of the application developer. The role of this framework is to provide...110

SUBSTITUTE SHEET (RULE 26)

Activityflow

The activity flow is defined in the following table.

**Table** "Page OfActivity " 1840.

Define the **automated** activity switching when the user jumps from one web page to another.

Unique id

-Name...

preclude reuse; the best tool for this is known as encapsulation.

281...for viewing sample code, which is often formatted weirdly.

To set the number of spaces **displayed** per tab, **select** the Editor tab on the dialog box served up by the Tools, Options command.

Braces...

17/3,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761432

**METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE**

**PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS**

Patent Applicant/Assignee:

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)

Application: WO 2000US14459 20000524 (PCT/WO US0014459)

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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 151011

Fulltext Availability:

Detailed Description

Detailed Description

... various activities over the Internet.

Such components may include: an electronic commerce component, a content **channels** component, an administrative component, a customer relationship management component, a content management and publishing services...a comprehensive view of what it takes to implement solutions. Further, new opportunities may be **identified** through assessment of the **displayed** information.

In various other embodiments, the present invention may be used to clearly articulate all...connecting the workstation to a communication network (e.g., a data processing network) and a **display** adapter 84 for connecting the bus 71 to a display device 85. The workstation typically ...physical objects, such as automobiles in a traffic-flow simulation, electrical components in a circuit- **design** program, countries in an economics model, or aircraft in an air-traffic-control system.

0...reside in one folder and each application area stores its components in its own folder.

**Choosing** the strategy depends on how components are named, on the number of components, and on...once the number of developers exceeds ten.

d) Is the development team geographically dispersed?

An **Information** Management repository is crucial when teams whose designs must integrate are in different places. The...Management tools can be used to generate components, whereas passive tools are used to hold **information** about the tool but are not used to build the system. The use of an...system exceed 100 modules?

Configuration Management tools are needed once the system becomes large and **many** modules (which may include programs, header files, copybooks, shared components, subroutines, and so on) have...data modeling tool should be used. The tool may provide a central dictionary which allows **design** data to be shared between several designers and includes security checks to monitor any conflicts...identification of candidate components and classes.

In many cases, there can be a mismatch between **design** and build, especially if no detailed design phase exists. This may result in the existence...b) Is there some uncertainty about the validity of the business case?

The Application Logic **Design** tools provide a means of confining the complexity estimates ...or if the architecture must provide custom solutions. CASE tools tend to provide standard Application **Design** documentation. Most custom solutions utilize word processing tools to build Application Logic Design shells for...

...tools must interface with one another in order to promote consistency of the Application Logic **Designs** .

c) Does an existing tool provide the required functionality?

The development team may require facilities to...multiple developers. This support includes features such as object check-in/check-out, a central **design** repository for the storage of application objects and user interface definitions and version control. Additionally...

17/3,K/8 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00761431

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED WEB APPLICATION SERVICES**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE**

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Inventor(s):

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MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073957 A2-A3 20001207 (WO 0073957)  
Application: WO 2000US14420 20000525 (PCT/WO US0014420)  
Priority Application: US 99321492 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
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AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150171

Fulltext Availability:

Detailed Description

Detailed Description

... Further, data, i.e. specifications, details, etc., relating to the  
products and services may be **displayed** along with a comparison between  
different products and services. Data relating to needs of a...the  
existing network framework. For example, in operation 47a of Figure 1G-1,  
a target **market** is selected based on buying habits, age, gender or some  
other criteria. In operation 47b...

...a comprehensive view of what it takes to implement solutions. Further,  
new opportunities may be **identified** through assessment of the  
**displayed** information.

In various other embodiments, the present invention may be used to  
clearly articulate all...system. Thus, new capabilities are created  
without having to start from scratch.

0 Polymorphism and **multiple** inheritance make it possible for  
different programmers to mix and match characteristics of many different  
...

...world objects and the relationships among them.

0 Libraries of reusable classes are useful in **many** situations, but they  
also have some limitations. For example.

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Complexity. In a complex system...given configuration packet in terms of  
version, change, and migration control.



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00761424

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF  
COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES  
DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073930 A2 20001207 (WO 0073930)

Application: WO 2000US14458 20000524 (PCT/WO US0014458)

Priority Application: US 99321360 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149456

Fulltext Availability:

Detailed Description

Detailed Description

... of the information presented.

There is thus the need for a way to create and **display** information in a  
graphic representation that presents the information concisely and in a  
well organized...comprehensive view of what it takes to implement  
solutions. Further, new

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opportunities may be **identified** through assessment of the **displayed**  
information.

In various other embodiments, the present invention may be used to  
clearly articulate all...different characteristics, but may have the same  
underlying functions associated with it (e.g., how **many** pistons in the  
engine, ignition sequences, lubrication, etc.). To access each of these  
functions in...during systems building such as executables, JCL, HTML  
scripts, and Java applets.

Package release type - **identifies** the types of commonality that  
compon:nts can have. There are usually four basic types...0 Sufficient

training for new tools or changes to existing tools  
Planning for change includes **choosing** options based on a thorough understanding of the positive and negative impacts of change to... construction and testing. While requirements analysis and specification deals with what the system must do, **design** addresses how the system will be constructed. Validating that the design actually meets the requirements...costly mistake. It is important to ensure that media content designers are involved in the **design** process at a very early stage, and that they are fully integrated into the application **design** and construction teams.

The approach to Interface design is evolving as media technologies become more...

...parties are approaching problems from the same direction, and that they are thinking about the **design** in the same way. If this is not achieved, there is great potential for misunderstanding...

...is the hasty (and erroneous) conclusion that tools automate everything. They do not, just as **design** tools do not automate the **design** process. Human intelligence is still required to drive the effort.

The supporting tools can, however...difficult after extending the repository. Extending the repository therefore requires a careful trade-off.

" Use **several** repositories. It is not infrequent to see two repositories coexisting; for example, one upper-case...process model, this provides an effective means of communicating the system requirements from the business **design** team to the systems design team or to the users.

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d) Does the architecture...are important since they allow developers to obtain user input early on in the GUI **design** process. This induces user ownership and acceptance of the system.

h) Is user input a...Prototyping and benchmarking the performance of a technical environment enables possible performance problems to be **identified** as early on as possible.

o) Do the users have little or no experience with...the design is for a multimedia application.

Communication Design

An increasingly important aspect of system **design** is communication **design** . After the fundamental communication paradigms have been chosen, each exchange must be designed to allow...

17/3,K/10 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00333979 \*\*Image available\*\*

APPARATUS AND METHODS FOR ACCESSING INFORMATION RELATING TO RADIO AND TELEVISION PROGRAMS

PROCEDE ET DISPOSITIF D'ACCES A DES INFORMATIONS RELATIVES A DES EMISSIONS DE RADIO ET DE TELEVISION

Patent Applicant/Assignee:

MANKOVITZ Roy J,  
Inventor(s):  
MANKOVITZ Roy J,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9616491 A1 19960530  
Application: WO 95US15343 19951122 (PCT/WO US9515343)  
Priority Application: US 94344333 19941122; US 95486769 19950607; US  
951576 19950727

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG  
KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK TJ TM TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 34710

Fulltext Availability:  
Detailed Description

#### Detailed Description

... in the SCA band and require the listeners to have special receivers to  
decode and **display** this  
**identification**

There is also a proposal to transmit identification of a television  
program during the vertical...present systems for estimating market share  
involve survey evidence such as the Nielsen ratings. Previous **market**  
**data** was taken by selecting households to record their viewing habits.  
For example, a selected household...on the information card keyboards  
according to  
the present invention;  
FIGS. 35A-35J are example **display** screens shown on the **automated**  
information machine while initializing the information card according to  
the present invention; FIG. 36 is...signals from television (TV)  
stations. (Hereinafter, a "station" may also be referred to as a "  
**channel** ")

Like **many** of today's units, unit 100 has a circuit for providing a  
time-of-day...the display 101 (step 415). There are several formats in  
which this information can be **displayed** . For example, the stored  
**identifications** may be **displayed** with the **identifications** organized  
by stations. The advantage of this format is that the user can now review  
...help the user to more easily find a particular  
program previously registered

When the previously **identified** programs are **displayed** , the user can  
use the cursor keys 90 to select the particular program of, or...119  
can be actuated, and the telephone connection is cut (step 421)

When the program **identifications** are **displayed** upon actuation of the  
REVIEW KEY 113, a user may select to cancel a previously...connects the  
unit 100 to a telephone. The REVIEW KEY 113 can be actuated to **display**  
the **identification** and then the DIAL KEY 114 to connection the unit to  
the PIRS as described...of the dishes 10016 and antennas 10017 is  
provided to a respective input of a **multi - channel** inserter 10018,  
which can input data into the vertical blanking interval of a received  
signal. The **multi - channel** output from the inserter 10018 is amplified  
in an amplifier 10019 and provided over a...keys on the information card

20/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01212854 \*\*Image available\*\*

**USER COLLABORATION THROUGH DISCUSSION FORUMS**

**COLLABORATION ENTRE UTILISATEURS VIA DES FORUMS DE DISCUSSION**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200520017 A2 20050303 (WO 0520017)

Application: WO 2004US26950 20040820 (PCT/WO US04026950)

Priority Application: US 2003645851 20030822

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27848

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... space based on priority, and (iv) one article could be selected for  
full, or primary **display**, and the others could be **identified** with  
links indicating the title of the article or with a "more" link.

The concept...selected Mew, so that the Mew is displayed on the entirety  
of an available user **display**. For example, the user may **select** the  
sports Mew 2912 to occupy an entirety of the

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user's display; in...

...article being read by the narrator 3404. In this case, the chart 3412  
provides stock **market information** about the company Oracle Corp.

Information to be included in the chart 3412 may be...

...what, if any, information, should be included in the chart 3412.

Alternatively, information for the **chart** 3412 may be provided using  
**automated** techniques.

Finally in the section 3410, a discussion object section 3414 is included. In the...

20/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01185385 \*\*Image available\*\*

**METHOD AND APPARATUS FOR MANAGING VENDING MACHINE OFFERS  
PROCEDE ET APPAREIL DE GESTION D'OFFRES DE DISTRIBUTEURS**

Patent Applicant/Assignee:

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US (Nationality), (Designated only for: US)  
O'NEIL Michael V, 175 West 73rd Street, Apartment 16D, New York, NY 10023  
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(Residence), US (Nationality), (Designated only for: US)  
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(Residence), US (Nationality), (Designated only for: US)  
GELMAN Geoffrey M, 21 Belltown Road, Stamford, CT 06905, US, US  
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06905, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2004107129 A2 20041209 (WO 04107129)  
Application: WO 2004US16895 20040528 (PCT/WO US04016895)  
Priority Application: US 2003473815 20030528; US 2004855247 20040527

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 38622

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description  
... during a sales period).

[00441 The term "baseline velocity demand" may refer to the total **number** of products **sold** at retail **price** within a particular period of time (e.g., during a particular sales period).

[00451 The...

...example, include gaining devices, personal computers, personal digital assistants, point-of-sale terminals, point of **display** terminals, kiosks, telephones, cellular phones, **automated** teller machines (ATMs), pagers, and combinations of such devices.

[00481 The terms "dilution" and "price...associated with a promotion in a promotion database is advantageous in that it provides updated **market data** that can be used in subsequent execution of the various processes described herein. For example...

20/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00971712 \*\*Image available\*\*

**ELECTRONIC DEVICES HAVING USER REPLACEABLE DISPLAY MODULES**

**DISPOSITIFS ELECTRONIQUES DOTES DE MODULES D'AFFICHEURS REMPLACABLES PAR L'UTILISATEUR**

Patent Applicant/Assignee:

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Legal Representative:

PECHMAN Robert J (et al) (agent), Office of Intellectual Property  
Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200301775 A2-A3 20030103 (WO 0301775)

Application: WO 2002US14854 20020508 (PCT/WO US0214854)

Priority Application: US 2001885898 20010620

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM  
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TN  
TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12452

International Patent Class: G06F-001/16 ...

Sylvia Keys

29-Jun-05 03:05 PM

Fulltext Availability:  
Detailed Description

Detailed Description

... have become nearly ubiquitous. Mobile phones, handheld computers, electronic games, car stereos and indicators, public **displays**, **automated** teller machines, in-store kiosks, home appliances, computer monitors, etc., are all examples of devices...and impact available display styles and performance characteristics. In contrast, giving consumers the ability to **choose display styles** without de-coupling front polarizers from displays would entail making and keeping an inventory of a large number of different display modules, in some cases before **market information** is gathered as to which styles are more popular. This would be an expensive proposition...before, during, or after the point of sale of an electronic device, a consumer may **select** one or more desired **display** appearances from a menu generated from a list of available styles

20/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00971294 \*\*Image available\*\*

**LIQUID CRYSTAL DISPLAYS HAVING POLARIZERS**

**AFFICHAGES A CRISTAUX LIQUIDES DOTES DE POLARISEURS FRONTAUX**

Patent Applicant/Assignee:

3M INNOVATIVE PROPERTIES COMPANY, 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427, US, US (Residence), US (Nationality)

Inventor(s):

KOTCHICK Keith M, Post Office Box 33427, Saint Paul, MN 55133-3427, US,  
SAHOVANI Hassan, Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Legal Representative:

PECHMAN Robert J (et al) (agent), Office of Intellectual Property  
Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200301287 A1 20030103 (WO 0301287)

Application: WO 2002US10510 20020403 (PCT/WO US0210510)

Priority Application: US 2001885032 20010620

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12681

...International Patent Class: G06F-001/16

Fulltext Availability:

Detailed Description

Detailed Description

... have become nearly ubiquitous. Mobile phones, handheld computers,

electronic games, car stereos and indicators, public **displays** ,  
**automated** teller machines, in-store kiosks, home appliances, computer  
monitors, etc., are all examples of devices...and impact available  
display styles and performance characteristics. In contrast, giving  
consumers the ability to **choose display styles** without de-coupling  
front polarizers from displays would entail making and keeping an  
inventory of a large number of different display modules, in some cases  
before **market information** is

2

gathered as to which styles are more popular. This would be an expensive  
...before, during, or after the point of sale of an electronic device, a  
consumer may **select** one

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or more desired **display** appearances from a menu generated from a list  
of available styles for the particular electronic...

20/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00941465 \*\*Image available\*\*

**METHOD AND APPARATUS FOR EFFICIENT PACKAGE DELIVERY AND STORAGE**

**METHODE ET DISPOSITIF DE LIVRAISON ET DE STOCKAGE EFFICACES DE PAQUETS**

Patent Applicant/Inventor:

BLOOM Gregg, 4525 Bouhainvilla Drive, #1, Lauderdale by the Sea, FL 33308  
, US, US (Residence), US (Nationality).

Legal Representative:

PASSLER Mark D (agent), Akerman, Senterfitt & Eidson, P.A., P.O. Box  
3188, West Palm Beach, FL 33402-3188, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200275493 A2 20020926 (WO 0275493)

Application: WO 2002US7886 20020315 (PCT/WO US0207886)

Priority Application: US 2001810903 20010316; US 2001864797 20010524

Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 97495

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... at least one of the recorded retrieval date, the recorded retrieval  
time and/or the **information** recorded during the triggering step and a  
predefined standard of an acceptable duration of time...

...an item that is destined for the recipient and can be randomly loaded  
into an **automated** system of storage locker bins by a shipper. The



automated system of storage locker bins...

...packages can further include determining bin configuration adjustments to be made to bins of the **automated** system of storage locker bins to enable more bulk delivered packages to be loaded into...an illustrative embodiment of exemplary data tables and data views used in conjunction with the **automated** system of storage locker bins.

FIG. 1 OB is a continuation of the exemplary **data** tables and data views of FIG. 1 OA.

FIG. 1 OC is a continuation of...

...an illustrative embodiment of an exemplary SmartBin Unit (SBU) containing storage locker bins within an **automated** system of storage locker bins.

FIG. 13 is an illustrative flow diagram of the processing...indirectly through a back-end data interface from the retailer's order processing application. Order **data** elements such as the following can be

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written to the Order Header table 1200...and then by RDC Id. Before printing the report, the program (3 1 0) can **display** the total number of case labels to be printed and prompt the program user to...

20/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00937165 \*\*Image available\*\*

**NETWORK BASED BUSINESS TO BUSINESS PORTAL FOR THE RETAIL CONVENIENCE  
MARKETPLACE**

**PORTAIL DE RESEAU ENTRE ENTITES COMMERCIALES ADAPTE AU MARCHÉ DU COMMERCE  
DE DETAIL EN MAGASIN DU TYPE BAZARETTE**

Patent Applicant/Assignee:

BRITISH AMERICAN TOBACCO AUSTRALIA LIMITED, Virginia Park, Westfield  
Drive, Eastgardens, New South Wales 2036, AU, AU (Residence), AU  
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Shing, CN, CN (Residence), CN (Nationality), (Designated only for: US)

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AU (Residence), AU (Nationality), (Designated only for: US)

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Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200271282 A1 20020912 (WO 0271282)  
 Application: WO 2002AU215 20020301 (PCT/WO AU0200215)  
 Priority Application: AU 20013482 20010302

Designated States:  
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 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
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Main International Patent Class: G06F-017/60  
 International Patent Class: G06F-151/00 ...

... G06F-153/00

Fulltext Availability:  
 Claims  
 Claim

... error file for exception handling  
 Basic scripts to load data to catalogue (basic scripts, semi- **automated** )  
 Scripts to update translation **tables** (basic scripts, semi- **automated**  
 for  
 pilot)  
 Develop the custom price cube, and the scripts to load the data (we...  
 page have been set-up User profiles have been set-up based on supplier  
 target **market data** (i.e.  
 profiles, specific retailers)  
 Promotional data has been set-up based on data provided...to sales  
 order  
 Supplier generates sales order flat file with updated PO  
 Number, Delivery Date, **Quantity** , **Price** , etc.  
 Batch process imports **sales** order flat file into Electronic  
 Marketplace Solution  
 Electronic Marketplace Solution automatically updates status to  
 Accepted...detailed information. The invoice will contain the  
 manufacturers brand, and will contain: date, purchase order **number** ,  
**sales**  
 order **number** , ASN **number** , invoice **number** , item, quantity, **price** ,  
 total  
 amount due, payment terms, tax terms.

4 Flow of Events  
 4.1 Basic Flow...execute payment.

The invoice will contain: date, purchase order **number** , **sales** order **number** ,  
ASN **number** , invoice **number** , item, quantity, **price** , total amount  
due,  
payment terms. All of this information will be accessed via the initial  
...

...contains all invoice information, both content and layout. The file will  
contain: date, purchase order **number** , **sales** order **number** , ASN  
**number** ,  
invoice **number** , item, quantity, **price** , total amount due, payment  
terms.

#### 4 Flow of Events

##### 4.1 Basic Flow

The various...

...the eBPP system predefined file format.

#### 9 Interfaces

The file will contain: date, purchase order **number** , **sales** order  
**number** ,  
ASN **number** , invoice **number** , item, quantity, **price** , total amount  
due,  
payment terms. A nightly batch will trigger the file at a set...in any  
one of the preceding claims, wherein the associated data is used to  
deliver **market information** . to the Convenience Retailer, the  
Supplier, a Manufacturer, a Wholesaler or a Logistics Provider.

10 The system as claimed in claim 9, wherein network-based access to -the  
**market information** is provided via a business-to-business web portal.

11 The system as claimed in...

20/3,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200267175 A2 20020829 (WO 0267175)  
Application: WO 2001US51437 20011019 (PCT/WO US0151437)  
Priority Application: US 2000694050 20001020

Parent Application/Grant:  
Related by Continuation to: US 2000694050 20001020 (CIP)

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
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Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... codes for entering commands which were not similar  
to other computer software programs. This software **design**  
thus necessarily required additional training in order to  
insure that users could gain the full...for customizing not only the  
menus for  
presentation to the user, but also in the **design** of the data  
base entries needed or desired by the user and/or the  
competitive...

...rental companies desire to sell more cars, any opportunity to  
tap into the total loss **market** will be bountiful.  
The present invention provides a window into the  
establishment of a total...by the end customer. And, it is well known  
that  
the sooner a problem is **identified** and solved, the more likely  
a customer will have a satisfactory experience. Furthermore,  
from a...TER . Thenamekeyedappears at the top ofthe list. Key "1" in the  
Opt (option) field to **select** a customer. The customer's information is  
protected and loaded into the appropriate fields.

OR...52  
r Ptl6w '.STATE  
e :c i  
'T ots  
-pie. opti press Enter,  
.Y  
-.1a; **Select 5= Display**  
-'-Desc-ript:icn State Phone  
ST.F433 ..:STATE FARM\*\* IL

URS INDICATION FLAG  
Currently only

20/3,K/8 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00845281

**APPARATUS AND METHOD FOR AUTOMATED DISPLAY OF MARKET ACTIVITY  
DISPOSITIF ET PROCEDE SERVANT A AFFICHER AUTOMATIQUEMENT UNE ACTIVITE DE  
MARCHE**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200177963 A2 20011018 (WO 0177963)

Application: WO 2001US11373 20010406 (PCT/WO US0111373)

Priority Application: US 2000545974 20000410

Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 12632

**APPARATUS AND METHOD FOR AUTOMATED DISPLAY OF MARKET ACTIVITY**

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

APPARATUS AND METHOD FOR AUTOMATED

DISPLAY OF MARKET ACTIVITY

BACKGROUND OF THE INVENTION

The present invention relates to displays of time-dependent information.  
More particularly, the invention relates to **automated** methods and  
apparatus for **display** of information related to the motion of  
fast-moving markets.

Viewed according to their interest...

...information indicative of market activity displayed in the display area,  
the information being dependent upon **market data** and tick times. In  
this aspect of the invention, the display area is typically divided...

...occupying a bottom position in the list ("the bottom listed security"). In such embodiments, the **display** comprises **automated** computing machinery that computes, for each security identified by a symbol in data representing a...a further aspect of the invention, a method is provided for representing market activity, wherein **market data** dependent upon market activity is received in a data stream through a communications port. The...are provided in a stream of data directly from NASDAQ. NASDAQ Level 11 Quotes includes **market information** for markets offering to buy or sell stocks. The **market information** provided in a Level 11 Quote includes price, side, quantity, and market identification for each...

...Quotes can come from NASDAQ or directly from markets. A "NASDAQ Level II Quote" includes **market information** for all markets offering to buy or sell a particular security. Obtaining quotes directly from...a change in a quoted price for a security. Data representing ticks is received in **market data**, typically in the form of streaming NASDAQ quotes, electronic **market information** from ECNs or market makers, or other sources.

"Tick time" refers to the time when...

...as indicated.

#### Field Description

Symbol (202) the symbol for the stock or other security whose **market information** comprises the quote.

LastTradePrice (204) the price of the stock in its last trade.

ClosePrice...

...Level II Quotes (108). In other embodiments, data representing ticks (I 12) is derived from **market information** received directly from ECNs, market makers, other broker/dealers, or other sources.

The data representing...Referring to Figure 6A, "m" in C[m] identifies the number of cells in the **display** area, and "n" in A[n] identifies the number of elements in time array (306). In some embodiments, as shown in Figure...

#### Claim

... displayed in the display area, information indicative of market activity, the information being dependent upon **market data** and tick times, wherein the information indicative of market activity comprises colors dependent upon color...

...last value in the range of colors.

2 The display of claim 1 wherein the **market data** is dependent upon market activity, the **market data** being received in a computer as a data stream through a communications port. 3 . The method of claim 1 wherein the **market data** comprises NASDAQ Level H Quotes.

4 The display of claim 1 wherein the **market data** comprises data representing ticks, the data representing ticks further comprising tick times. 5 . The display...

...of claim 9 wherein the information indicative of market activity comprises color values dependent upon **market data** and upon tick times, the color values displayed as colors in the display area.  
11...

...displayed in the display area, information indicative of market activity,  
the information being dependent upon **market data** and tick times, wherein the information indicative of market activity comprises a list of top...

...sum of the time differences so computed.

16 A method of representing market activity, wherein **market data** dependent upon market activity is received in a data stream through a communications port, the...comprising storing the data representing a tick.

18 The method of claim 17 wherein the **market data** comprises NASDAQ Level II Quotes.

19 The method of claim 18 wherein ticks are represented by **market data** in the NASDAQ Level II Quotes.

20 The method of claim 16 wherein a tick...

...last value in the range of colors.

36 A method of representing market activity, wherein **market data** dependent upon market activity is received in a data stream through a communications port, the...

20/3,K/9 (Item 9 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00777021

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS**

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Patent Applicant/Inventor:

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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109792 A2-A3 20010208 (WO 0109792)

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122232

Main International Patent Class: G06F-017/30

International Patent Class: G06F-009/44

Fulltext Availability:

Detailed Description

Detailed Description

... help

according to an embodiment of the present invention;  
Figure 104 illustrates New SIR window **displayed** upon **select** the New  
button on the Main  
Window according to an embodiment of the present invention...a "Create  
Service Order" activity, one sub-activity retrieves all the service types  
information to **display** on the first web page. A sub-activity has the  
following responsibilities.

Check pre-conditions...

...a user interface

ThumbNail (iconic pushbutton) field and the  
business components containing the values to  
**display** .

These components and classes are described in detailed in the following  
sub-portions of the...component. The Activity framework  
implements this logic for the application  
developer.

74

SITE SERVER FRAMEWORK DESIGN

Figure 9 illustrates a method 900 for accessing services within a server  
without a need...of the page to open

Activityflow

The activity flow is defined in the following table.

**Table** "Page OfActivity " 1840.

Define the **automated** activity switching when the user jumps from one  
web page to another.

e I

e...Ul item may automatically direct the user to the next page.

The next page is **identified** by the flow control service of the session  
framework. This means that the developer does...and recreate the  
individual components within MTS.

Copy any new web server files (ASP, HTML, **graphics** , etc..) to the  
target directories on the web server.



Restart the web listener to allow...database definition from the database design.

With an object-based or component-based solution, the **data** -modeling task changes. In most cases, relational databases are still used, even where there are...name - i.e. "ZIMMERDY.

Right click on the Commerce Membership Server (Membership Authentication) folder and **select** properties.

On the "Authentication Service" tab note the TCP Port number.

Figure 60 illustrates a...

...6204Membership Server Mapping 6206...

Figure 62 is an illustration of a Membership Server Mapping Property.

**Select** Intranet [Windows NT Authentication] Membership option.

Next create the sample site.

Right click on the...style makes HTML portion of the present descriptions much easier to read, comprehend, and maintain. **Choosing** a reasonable **style** and using it consistently is more important than the details of the style itself.

Screen...of the present description requirements and additional testing.

A good compromise is often just to **choose** a **design** that does not preclude reuse; the best tool for this is known as encapsulation.

274...for viewing sample code, which is often formatted weirdly.

To set the number of spaces **displayed** per tab, **select** the Editor tab on the dialog box served up by the Tools, Options command.

Braces...

20/3,K/10 (Item 10 from file: 349)  
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00777017

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN AN E-COMMERCE ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200109752 A2-A3 20010208 (WO 0109752)

Application: WO 2000US20560 20000728 (PCT/WO US0020560)  
Priority Application: US 99364733 19990730  
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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
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Main International Patent Class: G06F-009/46  
International Patent Class: G06F-009/44 ...

... G06F-017/30 ...

... G06F-017/60

Fulltext Availability:  
Detailed Description

Detailed Description

... help

according to an embodiment of the present invention;  
Figure 104 illustrates New SIR window **displayed** upon **select** the New  
button on the Main  
Window according to an embodiment of the present invention...method.

Return the number of code decode pairs  
contained in the currently identified local  
codes **table** . Refer to setTableNa -me-, me- thod.

Return all the codes and decodes for the  
specified...user interface Thumbnail (iconic pushbutton) field and the  
business component instances containing the value to **display** . This  
class gets/sets an UI field value by getting/setting the business  
component instance...of the page to open  
Activityflow  
The activity flow is defined in the following table.

**Table** "Page OfActivity" 1840.

Define the **automated** activity switching when the user jumps from one  
web page to another.  
e id.,  
of...version control process include.

eb Server Static HTML, Images, JavaScript  
Active Server Pages (ASP)  
Cascading **Style** Sheets (DHTML)  
Architecture ASP Header Files  
Application Activities  
Server Sub-Activities  
Business Components (factories, supporting...the logical data  
requirements. The tools also represent data elements, indexing, and  
foreign keys.

Many **data** design tools integrate data modeling, database design, and database construction. An integrated tool may typically...when a large number of test databases must be kept in synchronization. Many of the **automated** testing tools available on the market today provide test data management functionality.

At a minimum...performs functions such as event filtering, alert generation, event correlation, event collection and logging, and **automated** trouble ticket generation. Event processing routes the processed information on to either the presentation or...to the above key. to Oracle on

Right click on the entry ORACLE-SID and **select** Modify. startup.

Set the key value to RETA (or the SID of the Database if...Dr. Watson error on Java.exe, set the display to 256 from colors. SQL\*Plus,

**Select** Add New Service, and supply a service name e.g. "R-ETAl" Oracle Select Bequeath...Enterprise Edition.

Install Windows NT Service Pack 3.

Install Internet Explorer 4.01 SP I ( **choose** standard install).

Install Windows NT Option Pack

Install Index Server and the SMTP Server components...

...Install Site Server Commerce Edition (do not overwrite data in database during commerce server setup).

**Select** your DSN created earlier to create the sample database tables. Install Visual Studio 97 SP3...style makes HTML portion of the present descriptions much easier to read, comprehend, and maintain. **Choosing** a reasonable **style** and using it consistently is more important than the details of the style itself.

I...of the present description requirements and additional testing.

A good compromise is often just to **choose** a **design** that does not preclude reuse; the best tool for this is known as encapsulation.

274...

...for viewing sample code, which is often formatted weirdly.

To set the number of spaces **displayed** per tab, **select** the Editor tab on the dialog box served up by the Tools, Options command.

Braces...

20/3,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00761422

**BUSINESS ALLIANCE IDENTIFICATION**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES  
COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

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Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,  
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)  
Application: WO 2000US14375 20000524 (PCT/WO US0014375)  
Priority Application: US 99320816 19990527

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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Main International Patent Class: G06F-017/60

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Detailed Description

Detailed Description

... a comprehensive view of what it takes to implement solutions. Further,  
new opportunities may be **identified** through assessment of the  
**displayed** information.

In various other embodiments, the present invention may be used to  
clearly articulate all...information is generated within the development  
environment, which needs to be carefully managed (for example, **design**  
documentation, application code, media content, test plans and test  
data). Information Management generally involves Repository...Usability  
and User Interface Design

Usability is an important (and often overlooked) consideration in system  
**design** .

Usability is more than a well-designed user interface - the way in which  
business processes...design standards

Naming standards for design objects and documents

Navigation standards

Standards that specify the **design** techniques to use

Documentation standards that specify format

Technology infrastructure **design** standards that specify how to ensure  
security, handle errors, and manipulate context data

While the...data modeling tool. This may be helpful to guard against  
moving too far into the **design** during the analysis phase.

Most data modeling tools allow you to develop the database design...must  
have at least one input flow associated with it. The tool should  
facilitate the **identification** of exceptions to these general rules.

i) Is a detailed process model with complex processes to...across applications. Repository management is required that allows easy browsing and sharing of pieces of **design** .

During the construction phase, there may be strong interdependencies between the core classes and the...

...many cases, there can be a mismatch between design and build, especially if no detailed **design** phase exists. This may result in the existence of two repositories. The object or component...

...play an important role in early prototyping. Hi-fidelity prototypes, used later on in the **design** process, should be as close to the target system as possible, and highly detailed - even...

...g. click-down image, click sound, length of click etc.).

This way, everyone (including the **design** teams) can determine exactly what the final system should look like.

User involvement at the...team can then use this information to improve designs and provide guidelines and standards for **designs** . Thus, prototyping leads to a better designed and more consistent end product.

c) Do the...are more visually appealing but requires more significant effort to create and maintain.

The presentation **design** tools should facilitate documentation of these differences for design purposes and allow the design strategies...

20/3,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00739223 \*\*Image available\*\*

SENDING REAL TIME INFORMATION TO SELECTED VIEWERS OF TRANSMITTED SIGNALS  
ENVOI D'INFORMATIONS EN TEMPS REEL A DES UTILISATEURS DESTINATAIRES DE  
SIGNAUX TRANSMIS

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052587 A1 20000908 (WO 0052587)

Application: WO 2000US3355 20000210 (PCT/WO US0003355)

Priority Application: US 99260035 19990302

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA

UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8305

Main International Patent Class: G06F-013/38

International Patent Class: G06F-015/17

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... transmitted video or computerized software signals (for example, via television sets, or computers with a **display** screen). Lately, **computerized** software signals are capable of including video data, such that a computer with a display...

...viewer attribute

information by using various different methods and techniques, usually involving some form of **market research**. **Market research** techniques used by providers or senders for obtaining viewer attribute information, include the usage of...

...content and format of information to be provided to TV viewers. In the transmission of **computerized** electronic information to viewer computer **displays**, a similar form of electronic monitoring, for example, featuring internet Web site ...to be transmitted to internet viewers.

With respect to effectively servicing or targeting viewers, using **market**

**research** techniques and results obtained therefrom, although quite developed and sophisticated, have several significant limitations which have not yet been overcome. **Market research** techniques, used by providers for obtaining viewer 1 5 attribute information, are typically applied to...system by sender of electronic information, (3) viewer reception of a transmitted compound video or **computerized** signal, (4) **display** of compound video or **computerized** signal, featuring sender requested electronic information, and (5) viewer response, in real time, back to... 4 features a display screen (not shown) capable of receiving and displaying video and/or **computerized** signals. For 1 5 example, **display** screen of television 4, in addition to displaying TV station signals, could be used as a computer **display** to **display computerized** signals.

Moreover, **display** screen of viewer television 4 has the capability of displaying transmitted video or computerized electronic...

Claim

... group consisting of name of the selected individual viewer, location of the selected individual viewer, **identification** number of said **display** device of the selected individual viewer, identification number of said electronic component in communication with...group consisting of name of the selected individual viewer, location of the selected individual viewer, **identification** number of said **display** device of

the selected individual viewer, identification number of said electronic component in communication with...

20/3,K/13 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00288769

**REAL-TIME AUTOMATED TRADING SYSTEM**  
**SYSTEME DE TRANSACTION AUTOMATIQUE EN TEMPS REEL**

Patent Applicant/Assignee:

MJT HOLDINGS INC,

Inventor(s):

LUPIEN William A,

MARTIN John E Jr,

ALEX Mike N,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9506918 A2 19950309

Application: WO 94US9398 19940822 (PCT/WO US9409398)

Priority Application: US 93110666 19930823

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ

LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

KE MW SD AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 34679

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... user workstation 4 will be  
coupled to a source of on-line price and/or **market**  
**information** 16. The user workstation 4 will accordingly  
execute an-application program that receives, formats and  
is capable of analyzing price and/or **market information** .

In the representative embodiment, this application  
program may be the commercially available P,C. Quote...representative  
embodiment, a  
series of tables exists for each CTCI interface to an  
exchange or **automated** trading system. For example,  
**tables** labeled IICSEII relate to information sent to or  
received from the Cincinnati Stock Exchange 12...  
...is added to the system, for example, to add a link to  
another exchange or **automated** trading system, more **tables**  
Are added to the database 6.

To further elaborate, the following is a  
description of...the transaction is  
determined by its position in the relative order. The  
PES continuously examines **market information** and re-ranks  
the stocks. If a stock changes its relative ranking, the  
PES can...function 2013

continuously receives and monitors information from the online source of price and/or **market information 16** and updates the information box 292 accordingly.

A windows menus function 2014 controls the...below \$50. The list process 400 continuously

monitors the online source of price and/or **market information 16**. When the select condition(s) is met, the gun is fired automatically without human...the last bid for the selected security on a predetermined exchange. An offer column 524 **displays** the last offer for the **select** security of a predetermined exchange. A last column 526 and a volume column 530 displays...

...information is obtained by the OA system from the online source of price and/or **market information 16**.

Additionally, or alternatively, the information can be obtained from the control engine 2 and...by the application program that receives information from the online source of price and/or **market information 16**.

The updated prices are required, for example, so the Unrealized Report application can compute...

#### Claim

... a database; and  
  . a user workstation coupled to the control engine and including a screen **display**, the user. A **computerized** real-time order entry, routing and reporting system for receiving and routing an order SUBSTITUTE...the reporting of executions of orders, the method comprising the steps of:  
  receiving on-line **market information** at a user SUBSTITUTE SHEET (RULE 26)  
  examining the on-line **market information** to determine if the boolean condition is true;  
  electronically transmitting

?



24/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00864262

WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING  
GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING  
INGENIERIE CELLULAIRE COMPLETE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE  
D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT  
REPETITION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200196551 A2-A3 20011220 (WO 0196551)

Application: WO 2001US19367 20010614 (PCT/WO US0119367)

Priority Application: US 2000594459 20000614; US 2000677584 20000930

Parent Application/Grant:

Related by Continuation to: US 2000594459 20000614 (CIP); US 2000677584  
20000930 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 336587

Fulltext Availability:

Detailed Description

Detailed Description

... is therefore useful in verifying and extending current megaYAC mapping  
projects, and in multiplexed experimental **designs** that pool sequences  
from well-separated bins.

106

. 2 10 Using short-range data to...the target using the mismatch analysis  
method of the present invention. The core probe is **identified** using one  
or both of the following criteria.

1. The core probe exhibits stronger binding...an interactive computer  
program that presents the electronic image of the filter on a computer  
**display** , or by **automated** computer interpretation of the scanned image.

1 4.2 Producing a elone library characterized by...

24/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777011 \*\*Image available\*\*

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CODES TABLE FRAMEWORK  
DESIGN IN AN E-COMMERCE ARCHITECTURE**

**SYSTEME, PROCEDE ET ARTICLE FABRIQUE POUR LA CONCEPTION D'UNE STRUCTURE DE  
TABLES DE CODES DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200109716 A2-A3 20010208 (WO 0109716)

Application: WO 2000US20705 20000728 (PCT/WO US0020705)

Priority Application: US 99364491 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136146

Fulltext Availability:

Detailed Description

Detailed Description

... help

according to an embodiment of the present invention;

Figure 104 illustrates New SIR window **displayed** upon **select** the New  
button on the Main

Window according to an embodiment of the present invention...for the flow  
of control. This was appropriate for printing out paychecks, calculating  
a mathematical **table**, or solving other problems with a program that  
executed in just one way.

The development...The Activity framework  
Imple ents this logic for the application  
developer.

74

SITE SERVER FRAMEWORK **DESIGN**

Figure 9 illustrates a method 900 for accessing services within a server  
without a need...being selected for accomplishing a goal associated with

the activity. First, in operation 1702, an **identifier** and a reference to a business object are received from one of the sub-activities...Remove all business objects matching the specified criteria

Insert new business object(s)

SESSION FRAMEWORK **DESIGN**

100

Figure 18 illustrates a method 1800 for persisting information during a user session...of the page to open

Activityflow

The activity flow is defined in the following table.

**Table** "Page OfActivity " 1840.

Define the **automated** activity switching when the user 'umps from one web page to another.

Unique id

Name...an - Best suited - Requires VPN

application- for static software for

independent business remote users Checkpoint

**channel** . Encryption relationships VPN

services can be Does not

computationally require any V-one

expensive and...6

Reboot Computer, leave CD in drive.

StartinstallforVisualj++ v6.0,selectIns;tallVisualj++6.0  
option.

**Select** Custom install.

Click Data Access, click Change Option button, click Microsoft ODBC Drivers and click...

?

25/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A  
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF  
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE  
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUEE, ET  
PROCEDE ASSOCIE

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 156214

Fulltext Availability:

Detailed Description

Detailed Description

... identified as model NCR 5682, incorporates the data gathering and  
transaction processing capabilities of conventional **automated** teller  
machines with video, **graphics**, audio and printer operations.

Interactivity

with the customer is governed by a software system through...satisfy the  
need for an automated transaction system providing an ergonomic  
interface.

To implement an **automated**, convenient transaction ...tracking number  
Supports micropayment processing

Another embodiment of the invention processes transactions pertinent to  
the **purchase** of items. For example, credit card transactions are  
processed, as are purchase order transactions. A...

25/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE  
AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE  
LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE  
D'APPROVISIONNEMENT RESEAUTE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
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Inventor(s):

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2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139082 A2 20010531 (WO 0139082)

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

Designated States:

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prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 152479

Fulltext Availability:

Detailed Description

Detailed Description

... from the execution of each trade; Figure 139 is the right portion of  
a flow **chart** for the data processing of block 13714 of Figure 137 for  
updating the inventory cost...identified as model NCR 5682, incorporates  
the data gathering and transaction processing capabilities of  
conventional **automated** teller machines with video, **graphics**, audio  
and printer operations. Interactivity with the customer is governed by a  
software system through...s),  
and/or government agencies.

These distn'bution and financial pathways may also include.

advertisers,

**market** survey organizations, and/or

other parties interested in the user usage of information securely  
delivered...

25/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND  
METHOD THEREOF**

Sylvia Keys

29-Jun-05 03:10 PM

**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT  
DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

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2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

Designated States:

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prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 171499

Fulltext Availability:

Detailed Description

Detailed Description

... identified as model NCR 5682, incorporates the data gathering and  
transaction processing capabilities of conventional **automated** teller  
machines with video, **graphics**, audio and printer operations.

Interactivity

with the customer is governed by a software system through...purchase  
articles from a remote location for pickup at an article pickup area at  
an **automated** store.

In accordance with the above, the present invention may provide a  
quick-stop mass...

**25/3,K/4 (Item 4 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00736212 \*\*Image available\*\*

**METHOD AND SYSTEM FOR CONNECTING SERVICES TO AN AUTOMATED TRANSACTION  
MACHINE**

**PROCEDE ET SYSTEME POUR L'ETABLISSEMENT DE CONNEXIONS DE SERVICES DE  
TRANSACTION AVEC UNE MACHINE DE TRANSACTION AUTOMATIQUE**

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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BLACKSON Dale, 5056 Paddington Down Street, Canton, OH 44718, US, US  
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WEIS David, 842 McKinley Boulevard, Ashland, OH 44805, US, US (Residence)  
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CHURCH James, 741 Governors Circle, Kent, OH 44240, US, US (Residence),  
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GILGER Mikal R, 300 Reimer Road, Wadsworth, OH 44281, US, US (Residence),  
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Legal Representative:  
JOCKE Ralph, 231 South Broadway, Medina, OH 44256, US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200049547 A1 20000824 (WO 0049547)  
Application: WO 2000US4130 20000216 (PCT/WO US0004130)  
Priority Application: US 99120506 19990217; US 99133579 19990511  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AU BR CA CN CZ HR HU ID IL IN IS JP KE KR LK LT MX NO NZ PL RU SE SG SI  
SK TR US VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 23748

Fulltext Availability:  
Detailed Description  
Claims

Detailed Description

... ATM may be able to access a service for  
performing complex transactions such as stock **market purchases** . Such  
a  
stock trader service may require value from an account of the personal  
ATM...

Claim

... a user interface function.

23 An automated transaction machine according to claim 22  
wherein the **automated** transaction machine includes a **display** , and  
wherein the user interface function includes providing an output through  
the **display** .

24 An **automated** transaction machine according to claim 22  
wherein the automated transaction machine includes an input device...

File 256:TecInfoSource 82-2005/May  
(c) 2005 Info.Sources Inc  
File 2:INSPEC 1969-2005/Jun W3  
(c) 2005 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2005/Jun  
(c) 2005 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2005/Jun W4  
(c) 2005 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/May  
(c) 2005 The HW Wilson Co.  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 474:New York Times Abs 1969-2005/Jun 29  
(c) 2005 The New York Times  
File 475:Wall Street Journal Abs 1973-2005/Jun 29  
(c) 2005 The New York Times  
File 139:EconLit 1969-2005/Jun  
(c) 2005 American Economic Association

Set	Items	Description
S1	1329	(COMPUTER? OR AUTOMATE?) (5N) (DISPLAY OR DISPLAYS OR GRAPH- IC OR GRAPHICS OR TABLE OR TABLES OR CHART OR CHARTS)
S2	0	S1(5N) (MARKET() (RESEARCH OR INFORMATION OR DATA))
S3	0	S1(5N) (MARKET() (CHANNEL? ? OR SHARE? ?))
S4	0	S1(5N) (MARKET() (PURCHASE? OR PURCHASING OR POINT(1W) SALE? ? OR WHOLESAL?))
S5	34536	(MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS) (5N) (CHANNEL OR CHANNELS)
S6	33441	(NUMBER OR VALUE OR UNIT OR UNITS OR QUANTITY OR QUANTITIE- S) (5N) (SOLD OR SALES OR SELLING)
S7	49	S6(5N) PERCENTAGE?
S8	1046	S6(5N) (PRICE OR PRICES OR PRICING)
S9	10	S6(5N) (TIME() (PERIOD OR PERIODS))
S10	15374	(SELECT OR CHOOS? OR IDENTIF?) (5N) (STYLE? OR DESIGN OR DES- IGNS OR DISPLAY?)
S11	348	HALLMARK() CARDS?
S12	668	AU=(BUTLER, P? OR BUTLER P? OR POLE, A? OR POLE A? OR GIVA- N, G? OR GIVAN G?)
S13	2	S1 AND (MARKET() (RESEARCH OR INFORMATION OR DATA))
S14	15	S1 AND (S5 OR S7 OR S8 OR S9 OR S10)
S15	15	S14 NOT S13
S16	13	S15 NOT PY>2002
S17	0	S11 AND (S1 OR S5)
S18	0	S12 AND (S1 OR S5)



13/3,K/1 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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01185604 DOCUMENT TYPE: Product

**PRODUCT NAME: Cymfony Brand Dashboard (185604)**

Cymfony Inc (747386)  
300 Washington St #910  
Newton, MA 02458 United States  
TELEPHONE: (617) 630-9114

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20040219

...time communications impact analysis tools. The system generates message adoption rate, coverage trend, and other **charts** and graphs. It **automates** the tracking of media across print, broadcast, and Web communications channels. Cymfony Brand Dashboard generates...

DESCRIPTORS: Advertising; Alerts; Branding; Competitive Intelligence;  
Internet Marketing; **Market Research** ; Public Relations

13/3,K/2 (Item 2 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
(c) 2005 Info.Sources Inc. All rts. reserv.

00116836 DOCUMENT TYPE: Review

**PRODUCT NAMES: Omega Research ProSuite 2000i (753971)**

**TITLE: Trading Like a Pro**  
AUTHOR: Ricciardi, Sal  
SOURCE: PC Magazine, v18 n10 p60(1) May 25, 1999  
ISSN: 0888-8509  
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20020830

...allows users to design, test, and optimize advanced trading systems that apply technical analyses to **market data** ; OptionStation 2000i, which provides tools to generate a profitable options-investing strategy based on market...

...apply, for instance, moving average and relative strength indicators, and can apply studies to a **chart** . OptionsStation for options traders **automates** many complicated calculations and allows users to analyze and choose option strategies most profitable if...

16/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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4881677 INSPEC Abstract Number: B9504-1130B-001, C9504-7410D-001

**Title: Impedance matching with a Smith Chart program for the Macintosh**

Author(s): Salvage, S.

Journal: R.F. Design vol.18, no.1 p.44, 46-8, 50-2

Publication Date: Jan. 1995 Country of Publication: USA

CODEN: RFDEEDG ISSN: 0163-321X

U.S. Copyright Clearance Center Code: 0163-321X/95/\$3.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Several computer aided design (CAD) programs exist on the market today, offering RF and microwave designers powerful tools in accurately predicting the performance of high frequency circuits. Since so many excellent tools exist it may seem archaic to use pencil and paper with the old fashioned Smith Chart to begin an RF or microwave design. But many designers still find the Smith Chart indispensable for starting a design because of the intuitive, graphical nature of the Smith Chart. When designing on paper, it is clear what the addition of individual circuit elements will accomplish. However, things can get a little obscure when impedance changes are required, as when a transmission line element is added whose impedance is different from 50 Ohms. Also of course, on paper it is easy to make a mistake early in the design which propagates through the matching network. What is needed is a **computerized Smith Chart** that operates graphically, which does more than display the final results; that is interactive, allowing the designer to see immediate results, **choose** among options, and **display** the frequency response of the final design. This article describes such a program, which has been designed for use on the Macintosh computer. It takes advantage of the user-friendly environment of the Macintosh system, enabling the designer to do away with paper and pencil entirely, and to **choose** the best matching design for a circuit in a fraction of the time previously required. (0 Refs)

Subfile: B C

Descriptors: circuit CAD; engineering graphics; impedance matching; microcomputer applications; microwave circuits

Identifiers: impedance matching; Smith Chart program; Macintosh computer; computer aided design; CAD program; RF design; microwave design; high frequency circuits; **computerized Smith Chart**

Class Codes: B1130B (Computer-aided circuit analysis and design); B1350 (Microwave circuits and devices); C7410D (Electronic engineering computing); C6130B (Graphics techniques)

Copyright 1995, IEE

16/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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4527192 INSPEC Abstract Number: C9401-5540-001

**Title: An integrated display network system**

Author(s): Yamasaki, S.; Maeshima, K.; Morita, S.; Nagahama, A.

Journal: Mitsubishi Denki Giho vol.67, no.7 p.29-32

Publication Date: 1993 Country of Publication: Japan

CODEN: MTDNAF ISSN: 0369-2302

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: An integrated display network system for multimedia imaging has been developed and commercialized. It is capable of processing a variety of

information as image data and providing **automated** service to different **display** devices. The system consists of a newly developed information imaging subsystem, a still-image transfer subsystem, terminal controllers, and coaxial transmission **channels** for radio frequency **multiplexing**. Using this system it is possible to integrate different display devices, allowing construction of information imaging and display systems under unified management and operation. (0 Refs)

Subfile: C

Descriptors: controllers; display instrumentation; frequency division multiplexing; multimedia systems; telecommunication network management

Identifiers: integrated display network system; multimedia imaging; information imaging subsystem; still-image transfer subsystem; terminal controllers; coaxial transmission channels; radio frequency multiplexing; management; operation

Class Codes: C5540 (Terminals and graphic displays)

16/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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04400104 INSPEC Abstract Number: B9306-7510-011, C9306-7330-074

**Title: A personal computerized anesthesia recording system-with multiplexer and serial interfaced monitors.**

Author(s): Iwase, Y.; Sakio, H.; Okuda, C.

Author Affiliation: Div. of Anesthesiology, Otawara Red-Cross Hospital, Tochigi, Japan

Conference Title: Computing and Monitoring in Anesthesia and Intensive Care. Recent Technological Advances p.260-1

Editor(s): Ikeda, K.; Doi, M.; Kazama, T.; Sato, K.; Oyama, T.

Publisher: Springer-Verlag, Tokyo, Japan

Publication Date: 1992 Country of Publication: Japan xxv+515 pp.

ISBN: 4 431 70101 X

Conference Date: April 1991 Conference Location: Hamamatsu, Japan

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Recent progress of monitoring technology for anesthetic management and critical care medicine has been remarkable. The authors applied the 5 **channel** RS-232C **multiplexer** (Logitec: LMP-350) to integrate these monitoring data. This multiplexer is able to connect up to 13 multidrop connections. This means that one personal computer is able to connect up to 65 monitors. This multiplexer equipped the buffer memory for every channel. So, all data, which are generated simultaneously and sporadically, are able to transfer to the PC, rapidly. Using this method of data integration, the authors developed an **automated** anesthesia recording system. The **display** screen was designed like the usual style of anesthesia record from preround and drug administration are displayed easily. This system is applicable to all NEC: PC-9800 series personal computers. (0 Refs)

Subfile: B C

Descriptors: biomedical equipment; data recording; medical administrative data processing; medical computing; microcomputer applications; multiplexing equipment; peripheral interfaces

Identifiers: serial interfaced monitors; monitoring technology; anesthetic management; critical care medicine; 5 **channel** RS-232C **multiplexer**; monitoring data; multidrop connections; personal computer; buffer memory; data integration; automated anesthesia recording system; display screen; anesthesia record; drug administration; NEC; PC-9800 series personal computers

Class Codes: B7510 (Biomedical measurement and imaging); C7330 (Biology

and medicine); C7140 (Medical administration); C6130 (Data handling techniques); C5520 (Data acquisition equipment and techniques); C5610P (Peripheral interfaces); C5630 (Networking equipment)

16/5/4 (Item 4 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03922778 INSPEC Abstract Number: A91094793, C91049353

**Title:** Computerised method for acquisition and display of gastrointestinal motility data

**Author(s):** Waldron, B.; Storey, B.E.; Smith, D.; Cullen, P.T.; Campbell, F.C.

**Author Affiliation:** Dept. of Surgery, Ninewells Hospital & Med. Sch., Dundee, UK

**Journal:** Medical & Biological Engineering & Computing vol.29, no.3  
p.304-8

**Publication Date:** May 1991 **Country of Publication:** UK

**CODEN:** MBECDY **ISSN:** 0140-0118

**U.S. Copyright Clearance Center Code:** 0140-0118/91/\$3.00+0.00

**Language:** English **Document Type:** Journal Paper (JP)

**Treatment:** Practical (P)

**Abstract:** A computerised system is developed for the acquisition and display of gastrointestinal motility data which utilises a purpose developed software program called 'PC-motil', running on an IBM compatible microcomputer, 'PC-motil' displays data during collection, writes data to disk file and compresses all data at the end of a study on to a single monitor screen for convenient overview. Any area of interest, in single or **multiple channels**, may be selected and expanded for detailed examination. This system is tested by the recording of gastric and jejunal motility patterns of 11 healthy volunteers in fasting and fed states. All antral and jejunal migrating motor complexes in fasting studies, as well as all fed motility patterns were recognisable in both 'compressed' and 'expanded' form. The reproduction of motility patterns by the computer based system was indistinguishable from that of a conventional analogue **chart** recorder. This computerised system provides a convenient and cost-effective means of acquisition, storage and display of motility data in digital form. (7 Refs)

**Subfile:** A C

**Descriptors:** data acquisition; medical diagnostic computing; microcomputer applications

**Identifiers:** PC-motil; data display; gastric motility; fasting state; fed state; gastrointestinal motility data; computerised system; IBM compatible microcomputer; jejunal motility; healthy volunteers; migrating motor complexes

**Class Codes:** A8770E (Diagnostic methods and instrumentation); A8745 (Biomechanics, biorheology, biological fluid dynamics); C7330 (Biology and medicine)

16/5/5 (Item 5 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03771651 INSPEC Abstract Number: B90080097, C91005791

**Title:** Graphical representation of eight-channel sphincter pressure profiles on a personal computer

**Author(s):** Dijkhuis, T.; Bemelman, W.A.; van der Hulst, V.P.M.; Klopper, P.J.

**Author Affiliation:** Dept. of Surgical Res., Amsterdam Univ., Netherlands

Journal: Medical & Biological Engineering & Computing vol.28, no.5  
p.502-4

Publication Date: Sept. 1990 Country of Publication: UK

CODEN: MBECDY ISSN: 0140-0118

U.S. Copyright Clearance Center Code: 0140-0118/90/\$3.00+0.00

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

Abstract: Previously, the authors described a computerised system which processes data obtained by perfused eight-channel manometry of gastrointestinal and urethral sphincters. Qualitative analysis of the eight pressure recordings is difficult because their spatial relation is not emphasised. The computer transfers the eight pressure profiles into a three-dimensional model. The system, which is routinely applicable in clinical practice, enables the gastroenterologist, surgeon or urologist to visualise sphincter function in a three-dimensional image on the graphic **display** of a personal computer. Additionally, **computerised multi-channel** measurements facilitate the introduction of new parameters such as the vector volume and asymmetry index. In the present work a description of the image processing has been given. (10 Refs)

Subfile: B C

Descriptors: biomedical measurement; computer graphics; computerised monitoring; computerised signal processing; medical diagnostic computing; microcomputer applications; pressure measurement

Identifiers: gastrointestinal sphincters; Waegemackers model; computerised manometry; eight-channel sphincter pressure profiles; personal computer; perfused eight-channel manometry; urethral sphincters; three-dimensional model; graphic display; image processing

Class Codes: B7510 (Biomedical measurement and imaging); B7320V (Pressure and vacuum); C7330 (Biology and medicine); C6130B (Graphics techniques); C5260B (Computer vision and picture processing)

16/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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03463430 INSPEC Abstract Number: B89065013, C89058504

**Title: SmartCAT-smart computer aided testability analyzer**

Author(s): Ashmore, B.

Author Affiliation: Comput. Integrated Network Anal., Inc., Mountain View, CA, USA

Conference Title: Test 1989, ATE and Instrumentation Conference West. ATE and Instrumentation Conference Proceedings: Innovations in Test p.160-3

Publisher: MG Expositions Group, Boston, MA, USA

Publication Date: 1989 Country of Publication: USA x+550 pp.

Conference Sponsor: Electron. Test; Circuits Manuf.; EOS/ESD Technol

Conference Date: 23-26 Jan. 1989 Conference Location: Anaheim, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The author presents an overview of SmartCAT, an **automated** testability analyzer. SmartCAT **identifies** and **displays** types of reconvergent fan-outs which complicate or prevent fault detection in VLSI circuits. Reports are generated listing the identified circuitry, pins that are necessarily uncontrollable and/or unobservable (independent of any test program) and a fault coverage upper bound estimation. (4 Refs)

Subfile: B C

Descriptors: automatic test equipment; automatic testing; fault location; integrated circuit testing; VLSI

Identifiers: smart analyser; ATE; SmartCAT; automated testability analyzer; fault detection; VLSI circuits; fault coverage

Class Codes: B7210B (Automatic test and measurement systems); B2570 (

Semiconductor integrated circuits); C7410H (Instrumentation); C7410D (Electronic engineering)

16/5/7 (Item 7 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03190102 INSPEC Abstract Number: B88054470, C88047550

**Title: BOXER: an interactive analysis system for cardiovascular physiology data**

Author(s): Hartley, J.W.  
Author Affiliation: Dalton Res. Center, Missouri Univ., Columbia, MO, USA  
Journal: Journal of Forth Application and Research vol.5, no.1 p. 145-8

Publication Date: 1987 Country of Publication: USA  
CODEN: JFAREL ISSN: 0738-2022  
U.S. Copyright Clearance Center Code: 0738-2022/87/\$2.75  
Conference Title: 1987 Rochester Forth Conference on Comparative Computer Architectures  
Conference Sponsor: Johns Hopkins Univ.; Oak Ridge Nat. Lab.; IEEE; et al  
Conference Date: 1987 Conference Location: Rochester, NY, USA  
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)  
Abstract: The data gathered during a cardiovascular physiology experiment consists of **multiple channels** of time varying signals. During an experiment, the raw data is recorded on an analog FM magnetic tape recorder. Later, the analog tape is replayed onto a **multi - channel** chart recorder for detailed analysis. Traditionally, additional derived variables such as derivatives, products, and integrals of **various channels** would be computed using analog hardware. A typical experiment will require 8 minutes of 5 channels of raw data and the computation of 7 additional derived variables. The bandwidth of each channel is less than 100 Hz. The presentation of the data in graphical form is crucial. The purpose of this analysis system is to enhance the previous analog instrumentation used for data analysis with a digital system. Initial acquisition of the analog data is done by the program TODISK. The core program, BOXER, displays waveforms and allows the user to select points from those waveforms. This **automates** counting boxes on **chart** paper and recording the values. The computation of derived variables is done by the program COMPUTE. These programs have the capability of handling up to 32 channels of data. The programs are written in Fig-Forth and assembly language. (1 Refs)

Subfile: B C  
Descriptors: analogue-digital conversion; cardiology; computerised instrumentation; data acquisition; data analysis; interactive systems; medical computing  
Identifiers: medical computing; BOXER; interactive analysis system; cardiovascular physiology data; time varying signals; analog tape; data analysis; TODISK; Fig-Forth; assembly language  
Class Codes: B7510 (Biomedical measurement and imaging); C7330 (Biology and medicine); C7410H (Instrumentation)

16/5/8 (Item 8 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02096386 INSPEC Abstract Number: A83079904, B83046690, C83030095

**Title: Evaluation of a graphics display system for boiling water reactors**

Author(s): Clark, N.; Buckley, D.; Mullee, R.; Brune, R.  
Author Affiliation: Sandia Nat. Labs., Albuquerque, NM, USA  
Conference Title: Southcon '83. Electronics Show and Convention p.  
8/4/1-3

Publisher: Electron. Conventions, El Segundo, CA, USA

Publication Date: 1983 Country of Publication: USA 724 pp.

Conference Date: 18-20 Jan. 1983 Conference Location: Atlanta, GA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: Describes the development and evaluation of a **computerized graphics display** system (GDS) for assisting Boiling Water Reactor (BWR) operations under off-normal plant conditions. This work was jointly supported by the BWR Owner's Group (BWROG) Control Room Committee and the US Department of Energy LWR Safety Program through Sandia National Laboratories. The BWROG Committee has developed a generic approach to address the information system needed to better respond to an emergency at a BWR. The display system being evaluated under the present program is considered to be a possible element of this emergency response information system. The overall objectives of this work are to **identify** potential improvements in system **design** and to assess potential safety benefits of the GDS. (2 Refs)

Subfile: A B C

Descriptors: computer graphics; display instrumentation; fission reactor safety; nuclear power stations; nuclear reactor instrumentation

Identifiers: graphics display system; boiling water reactors; off-normal plant conditions; information system; emergency; safety benefits

Class Codes: A2843H (Instrumentation and experiments with fission reactors); A2844 (Fission reactor protection systems, safety and accidents); B0160 (Plant engineering, maintenance and safety); B7260 (Display technology and systems); B8220 (Nuclear power stations and plants); C3380Z (Other instruments and techniques); C7470 (Nuclear engineering)

16/5/9 (Item 9 from file: 2)

DIALOG(R) File 2: INSPEC

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01319923 INSPEC Abstract Number: C79010295

Title: **LINK-11 simulation model**

Author(s): Ozols, J.

Author Affiliation: Control Data Corp., San Diego, CA, USA

Conference Title: Proceedings of the 1978 Summer Computer Simulation Conference p.866-71

Publisher: AFIPS Press, Montvale, NJ, USA

Publication Date: 1978 Country of Publication: USA xiii+942 pp.

Conference Sponsor: SCS; IAS; AMS; SHARE; et al

Conference Date: 24-26 July 1978 Conference Location: Los Angeles, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T); Experimental (X)

Abstract: The Naval Tactical Data System (NTDS) was developed in the late 1950s as a **computerized** shipboard system to store and **display** the tactical data-positions, velocities, **identification** of combatants, etc.-necessary for command and control of naval units and weapons systems. In order to allow the sharing of this data base of tactical information among NTDS equipped units of a task force, an automatic digital data exchange radio link, Link-11, has been developed and described in this paper. (3 Refs)

Subfile: C

Descriptors: communications computing; digital simulation; military computing; radiocommunication

Identifiers: Naval Tactical Data System; digital data exchange radio link  
; computerised shipboard system  
Class Codes: C7150 (Military); C7410F (Communications)

16/5/10 (Item 10 from file: 2)  
DIALOG(R)File 2:INSPEC  
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01211069 INSPEC Abstract Number: C78016909  
**Title: Design of man-machine interfaces in process control**  
Author(s): Rijnsdorp, J.E.; Rouse, W.B.  
Author Affiliation: Twente Univ. of Technol., Enschede, Netherlands  
Conference Title: Digital computer applications to process control p.  
705-20  
Editor(s): Van Nauta Lemke, H.R.; Verbruggen, H.B.  
Publisher: North-Holland, Amsterdam, Netherlands  
Publication Date: 1977 Country of Publication: Netherlands xix+862  
pp.  
Conference Sponsor: IFAC  
Conference Date: 14-17 June 1977 Conference Location: The Hague,  
Netherlands  
Language: English Document Type: Conference Paper (PA)  
Treatment: Bibliography (B)  
Abstract: **Computerized CRT- displays** are rapidly being introduced into  
man-machine interfaces for process control and supervision. The flexibility  
of these devices can promote the incorporation of human factors in  
interface design. The paper gives a survey of design criteria and  
guidelines for: allocating system functions between man and machine; coping  
with operator skills; evaluating CRT- **displays** and **choosing** controls and  
dialogue structures for this type of display. Also, attention is paid to  
experimental comparison of design alternatives, and to the influences of  
the human organization, high mental stress and job satisfaction on  
interface design. (83 Refs)  
Subfile: C  
Descriptors: human factors; man-machine systems; process computer control  
; reviews  
Identifiers: process control; human factors; interface design; dialogue  
structures; mental stress; job satisfaction; man machine interfaces;  
**computerised CRT displays**  
Class Codes: C1270 (Man-machine systems); C3350 (Industrial production  
systems); C7420 (Control engineering)

16/5/11 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2005 ProQuest Info&Learning. All rts. reserv.  
01140653 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
**A SYNOPTIC CLIMATOLOGY OF PRECIPITATION IN NORTHERN IRELAND**  
Author: BETTS, NICHOLAS LEONARD  
Degree: PH.D.  
Year: 1989  
Corporate Source/Institution: QUEEN'S UNIVERSITY OF BELFAST (NORTHERN  
IRELAND) (0725)  
Source: VOLUME 52/01-C OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 68. 616 PAGES  
Descriptors: PHYSICAL GEOGRAPHY  
Descriptor Codes: 0368  
Location of Reference Copy: THE QUEEN'S UNIVERSITY OF BELFAST, BELFAST  
BT7 1NN, NORTHERN IRELAND



The objectives are to examine (i) the mean daily precipitation accompanying different synoptic patterns of surface atmospheric pressure over Northern Ireland (N.I.) in terms of airflow trajectory, isobaric curvature and sea surface temperatures of the North Atlantic and coastal waters; (ii) at the meso-scale topographic and orographic effects upon precipitation occurring with particular synoptic types.

A review of classifications of pressure **charts** critically evaluates subjective and ' **automated** ' methodologies. A classification is proposed based on the 'rainfall-day', focussing upon airflow and isobaric curvature and **identifying** 28 synoptic types, several **displaying** significant frequency variations 1946-85. The daily synoptic calendar allows evaluation of the relationship between daily precipitation and different synoptic patterns. A rain gauge network is established considering distribution, density and continuity. A 41 station network is selected from which daily areal precipitation amounts over N.I. are derived for 1950-80. Long-term monthly and annual averages of daily precipitation are estimated for each synoptic pattern, 1951-80. Accuracy of results are assessed and an improvement is evident by sub-classification of frequent, wet synoptic types according to 5 hPa ranges of m.s.l. pressure. Annual variations of precipitation associated with individual synoptic types relate to airflow trajectory and annual variation of sea temperature and sea temperature gradients. These latter two influences are less direct than inferred by some authors.

Of meso-scale topographic and orographic effects upon precipitation, maps of annual and seasonal mean daily precipitation over N.I. for selected synoptic types indicate the variation of topographic influences upon precipitation receipt with individual synoptic types. Two case studies examine more closely the meso-scale processes operating within the synoptic framework. One event depicts orographic precipitation enhancement; the other is notable by an apparent absence of this phenomenon. Both emphasize the need to consider meso-scale features if precipitation distributions associated with different synoptic types are to be fully understood.

16/5/12 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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1076351 ORDER NO: AAD89-20029  
**GRAPHICAL HOLISTIC ANALYSIS: USING GRAPHIC REPRESENTATIONAL FORMATS TO INTEGRATE AND ENHANCE THOUGHT PROCESSES DURING ENGINEERING DESIGN**

Author: VOLAND, GERARD GREGORY STEVEN

Degree: PH.D.

Year: 1989

Corporate Source/Institution: TUFTS UNIVERSITY (0234)

Source: VOLUME 50/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2505. 417 PAGES

Descriptors: ENGINEERING, GENERAL; EDUCATION, GENERAL; ENGINEERING, SYSTEM SCIENCE

Descriptor Codes: 0537; 0515; 0790

The use of graphic formats is shown to be effective in enhancing one's ability to (i) **identify** appropriate **design** goals and (ii) generate design solutions that are both creative and practical.

This research effort is based upon the assumption that one's performance in engineering design can be improved by using visual/graphic tools to maintain a HOLISTIC view of a problem while ANALYZING the problem in order to formulate a initial yet comprehensive list of desired goals. We focused upon the possibility that these visual tools might help the designer to shift from analytical, linear thought to synthetic, holistic

thought as necessary throughout the design process.

The primary contributions of this research include the following: (1) It is demonstrated that graphic formats have significant potential as tools in engineering design beyond their traditional role (in the form of sketches and tables) during the final, primarily analytical stages of the design process. In particular, it has been demonstrated that such formats can improve one's performance in goal formulation, practicality and creativity. One's development as a design engineer may, in fact, be accelerated through the use of appropriate graphic formats for goal and other design tasks.

Secondary contributions include the following: (1) there may be a significant correlation between one's ability to formulate design goals and the ability to generate creative yet practical solutions. (2) there may be significant correlation between the level of creativity associated with a design and the practicality of that design a a solution to a technical problem. (3) A taxonomy of graphic formats is proposed that may lead to a more judicious use of such formats in general data analysis and presentation. In addition, a scheme with which one may be able to more effectively coordinate graphic formats with design activities is suggested; this scheme--with further development and refinement--may enhance the use of graphics in the design process.

This effort also suggests that future researchers should focus upon a number of areas, including (i) a comparison of graphic formats for specific tasks in engineering design, (ii) the development of **computerized** primitives for **graphic** formats in design and (iii) evaluation of possible correlations among goal formulation, practicality and creativity.

16/5/13 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1154734 H.W. WILSON RECORD NUMBER: BAST94023305

**DSOs take a technological leap**

Novellino, John;

Electronic Design v. 42 (Apr. 4 '94) p. 95-7

DOCUMENT TYPE: Feature Article ISSN: 0013-4872 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: Digital-storage-oscilloscope technology is currently the fastest moving field in test and measurement. Users are reaping the benefits in all areas of digital-storage-oscilloscope technology, including acquisition systems, core processing systems, **automated** measurement capability, and **displays**. Users can **select** instruments that are more general purpose than ever before or instruments that can be nearly application-specific for complex measurement tasks. Furthermore, the prices for these technologically advanced instruments are dropping. Customers can expect to receive better performance for the same price or the same performance for less money.

DESCRIPTORS: Digital oscilloscopes;

?